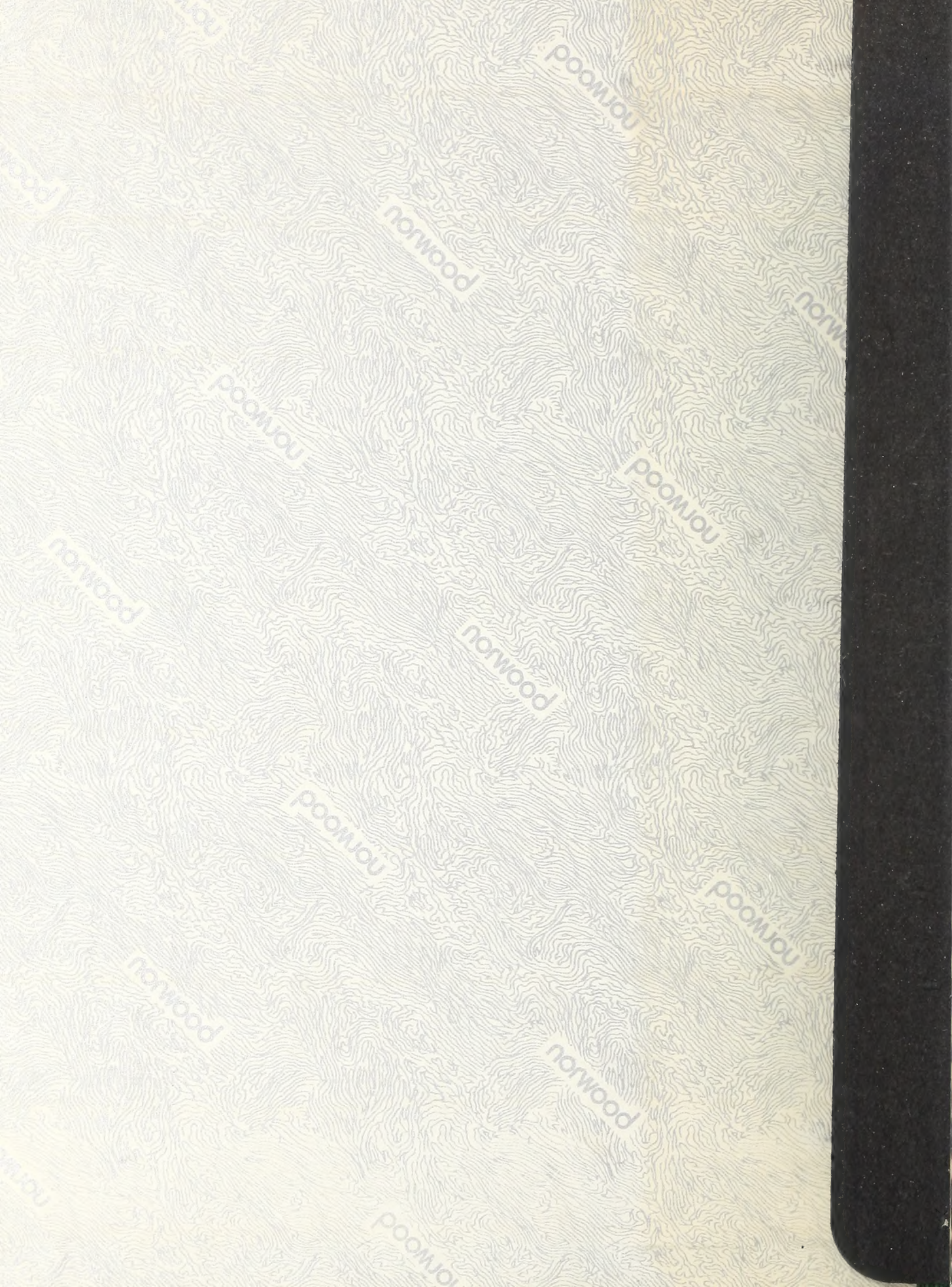


United States. National Institutes of Health
New Grants and Awards





REPORT 19M

U.S. NATIONAL INSTITUTES OF HEALTH

NEW GRANTS AND AWARDS

Arranged by State, City and Institution

NIH LIBRARY

Announced During

JANUARY 1975

U.S. DEPARTMENT OF
HEALTH, EDUCATION, AND WELFARE
Public Health Service

737
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1975
Jan.

PREPARED BY

NATIONAL INSTITUTES OF HEALTH

DIVISION OF RESEARCH GRANTS

STATISTICS AND ANALYSIS BRANCH

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SYMBOLS USED TO IDENTIFY THE SUPPORTING INSTITUTE OR DIVISION

AI NATIONAL INSTITUTE OF ALLERGY AND INFECTIOUS DISEASES
AM NATIONAL INSTITUTE OF ARTHRITIS, METABOLISM, AND DIGESTIVE DISEASES
CA NATIONAL CANCER INSTITUTE

CB DIVISION OF CANCER BIOLOGY AND DIAGNOSIS
CN OFFICE OF CANCER CONTROL
CM DIVISION OF CANCER TREATMENT
CP DIVISION OF CANCER CAUSE AND PREVENTION
CO OFFICE OF THE DIRECTOR

CL CLINICAL CENTER
DE NATIONAL INSTITUTE OF DENTAL RESEARCH
ES NATIONAL INSTITUTE OF ENVIRONMENTAL HEALTH SCIENCES
EY NATIONAL EYE INSTITUTE
GM NATIONAL INSTITUTE OF GENERAL MEDICAL SCIENCES
HD NATIONAL INSTITUTE OF CHILD HEALTH AND HUMAN DEVELOPMENT
HL NATIONAL HEART AND LUNG INSTITUTE

HV DIVISION OF HEART AND VASCULAR DISEASES
HB DIVISION OF BLOOD DISEASES AND RESOURCES
HR DIVISION OF LUNG DISEASES
HI DIVISION OF INTRAMURAL RESEARCH

LM NATIONAL LIBRARY OF MEDICINE
NS NATIONAL INSTITUTE OF NEUROLOGICAL DISEASES AND STROKE
OD OFFICE OF THE DIRECTOR, NIH
RR DIVISION OF RESEARCH RESOURCES
RS DIVISION OF RESEARCH SERVICES
TW FOGARTY INTERNATIONAL CENTER

THE UNITED STATES OF AMERICA

DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

WASHINGTON, D. C. 20250

OFFICE OF THE ASSISTANT ATTORNEY GENERAL

WASHINGTON, D. C. 20530

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GRANTS AND AWARDS ANNOUNCED DURING JANUARY

I/D	RESEARCH GRANTS*		RESEARCH CAREER PROGRAM AWARDS		R & D CONTRACTS	TRAINING GRANTS	FELLOWSHIP AWARDS	CONSTRUCTION GRANTS	MEDICAL LIBRARY GRANTS	OTHER AWARDS
	NUMBER	AMOUNT	NUMBER	AMOUNT						
AI	1	34,243			3	25,628				
AH	14	608,888			2	124,450				
CA	16	2,018,073								
CB					1	18,435				
CH					1	243,067				
CM					1	185,000				
CO					1	1,359,313				
CP					2	193,149				
ES	6	148,125								
EY					1	68,489				
GM	53	1,980,396	16	341,587						
HD	2	196,372			4	436,071				
HL	20	8,171,679								
LH			1	56,840	2	66,100				
NS	1	15,566								
OD	113	13,173,342	17	398,427	19	91,134				
						2,810,836				

*INCLUDES DIRECT COST ONLY FOR NIH RESEARCH GRANTS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
ALABAMA			
BIRMINGHAM			
UNIVERSITY OF ALABAMA IN BIRMINGHAM			
HL17667-01	RACKLEY, CHARLES E	STUDY OF ISCHEMIC HEART DISEASE	715,756
INSTITUTION TOTAL	1		715,756
CITY TOTAL	1		715,756
STATE TOTAL	1		715,756
CALIFORNIA			
BERKELEY			
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT BERKELEY			
GH21734-01	FREELING, MICHAEL	DEVELOPMENTAL GENETICS WITH AN INDUCIBLE GENE SYSTEM	22,191
CA17919-01	MISHELL, ROBERT I	ANALYTIC STUDIES OF CELLULAR ASPECTS OF IMMUNE MEMORY	42,059
GH21841-01	THORNER, JEREMY W	CELL-CELL INTERACTIONS OF A SIMPLE EUKARYOTE	30,663
INSTITUTION TOTAL	3		94,913
CITY TOTAL	3		94,913
DAVIS			
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT DAVIS			
ES00907-01	ABBOTT, URSULA K	COMPARATIVE PESTICIDES EFFECTS ON SEVERAL AVIAN SPECIES	11,068
GH21882-01	ETZLER, MARILYNN E	STRUCTURE, DEVELOPMENT, AND MODIFICATIONS OF LECTINS	33,000
HL18010-01	RENKIN, EUGENE M	CAPILLARY TRANSPORT OF LARGE MOLECULES	61,122
INSTITUTION TOTAL	3		105,190
CITY TOTAL	3		105,190
LA JOLLA			
SCRIPPS CLINIC AND RESEARCH FOUNDATION			
AM18163-01	EDGINGTON, THOMAS S	IMMUNOGENESIS OF AUTOIMMUNE HEMOLYTIC ANEMIA	54,861
HL17964-01	FLOW, EDWARD F	THE ALTERNATIVE PATHWAY FOR FIBRINOLYSIS	50,156
INSTITUTION TOTAL	2		105,017
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT SAN DIEGO			
AM18197-01	BECKER, MICHAEL A	REGULATION OF PURINE NUCLEOTIDE SYNTHESIS IN MAN	46,457
HL16768-01A1	FRONEK, KITTY	THE SYMPATHETIC NERVOUS SYSTEM AND THE ARTERIAL WALL	36,732
CA17126-01	KNIAZEFF, ALEXIS J	CARCINOGENESIS OF COLON CANCER IN ORGAN CULTURE	47,179
HL17682-01	ROSS, JOHN, JR	STUDY OF ISCHEMIC HEART DISEASE	623,267
INSTITUTION TOTAL	4		753,635
CITY TOTAL	6		858,652

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CALIFORNIA LOS ANGELES UNIVERSITY OF SOUTHERN CALIFORNIA CA17054-01 AM17953-01	HENDERSON, BRIAN E MOSLEY, JAMES W	USC CANCER CENTER EPIDEMIOLOGY AND BIOSTATISTICS UNIT EVALUATION OF GLUCOCORTICOID FOR PULMINANT HEPATITIS	265,000 52,497
INSTITUTION TOTAL CITY TOTAL	2 2		317,497 317,497
PASADENA CALIFORNIA INSTITUTE OF TECHNOLOGY GM21931-01	BROKAN, CHARLES J	COMPUTER SIMULATION OF SLIDING FILAMENT SYSTEMS	20,907
INSTITUTION TOTAL CITY TOTAL	1 1		20,907 20,907
SAN FRANCISCO UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT SAN FRANCISCO GM21830-01	RUTTER, WILLIAM J	GENE EXPRESSION AND REPLICATION IN EUKARYOTIC ORGANISMS	118,414
INSTITUTION TOTAL CITY TOTAL	1 1		118,414 118,414
STANFORD STANFORD UNIVERSITY GM21891-01 GM20984-01A1 GM21627-01	DAVIS, RONALD W MACOVSKI, ALBERT MACOVSKI, ALBERT	HIGHER CELL REGULATION: ISOLATED DNA SEGMENTS IMPROVED DIAGNOSIS THROUGH SELECTIVE MATERIAL IMAGING COMPUTERIZED X-RAY TOMOGRAPHY OF THE BODY	63,000 30,000 51,000
INSTITUTION TOTAL CITY TOTAL	3 3		144,000 144,000
STATE TOTAL	19		1,659,573
COLORADO DENVER UNIVERSITY OF COLORADO MEDICAL CENTER AM18617-01	SCHALCH, DON S	ROLE OF SOMATOMEDIN IN GROWTH AND DIABETES MELLITUS	48,457
INSTITUTION TOTAL CITY TOTAL	1 1		48,457 48,457

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
COLORADO			
FORT COLLINS			
COLORADO STATE UNIVERSITY			
HL17836-01	PHILLIPS, JERRY L	ROLE OF ZINC TRANSFERRIN IN LYMPHOCYTE TRANSFORMATION	33,767
INSTITUTION TOTAL	1		33,767
CITY TOTAL	1		33,767
STATE TOTAL	2		82,224
CONNECTICUT			
FARMINGTON			
UNIVERSITY OF CONNECTICUT HEALTH CENTER			
GM21800-01	POYTON, ROBERT O	BIOSYNTHESIS AND ASSEMBLY OF CYTOCHROME C OXIDASE	33,107
INSTITUTION TOTAL	1		33,107
CITY TOTAL	1		33,107
NEW HAVEN			
YALE UNIVERSITY			
GM21966-01	CROTHERS, DONALD M	MACROMOLECULAR STRUCTURAL DYNAMICS	46,350
GM21873-01	EISENSTADT, JEROME M	CYTOPLASMIC INHERITANCE IN CULTURED MAMMALIAN CELLS	61,386
GM20993-01A1	HORVATH, CSABA G	LIQUID CHROMATOGRAPHY OF BIOLOGICAL SUBSTANCES	34,740
INSTITUTION TOTAL	3		142,476
CITY TOTAL	3		142,476
STATE TOTAL	4		175,583
DIST OF COL			
WASHINGTON			
GEORGE WASHINGTON UNIVERSITY			
CA17444-01	HOLLINSHEAD, ARIEL C	CELLULAR MEDIATOR IMMUNITY TO BLADDER CANCER TUMOR ASSOCIATED ANTIGENS	44,937
INSTITUTION TOTAL	1		44,937
CITY TOTAL	1		44,937
STATE TOTAL	1		44,937
ILLINOIS			
CHICAGO			
UNIVERSITY OF CHICAGO			
HL17648-01	RESNEKOV, LEON	STUDY OF ISCHEMIC HEART DISEASE	880,842

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
ILLINOIS CHICAGO UNIVERSITY OF CHICAGO CA17098-01 GM21769-01	WIED, GEORGE L WOOL, IRA G	CONFERENCE ON AUTOMATION OF CERVICAL CANCER CYTOLOGY THE STRUCTURE AND FUNCTION OF EUKARYOTIC RIBOSOMES	19,979 62,582
INSTITUTION TOTAL CITY TOTAL	3 3	963,403 963,403	
UREANA UNIVERSITY OF ILLINOIS SYSTEM--UNIVERSITY OF ILLINOIS AT URBANA GM21953-01	GLASER, MICHAEL	LIPID METABOLISM AND MEMBRANE STRUCTURE AND FUNCTION	38,317
INSTITUTION TOTAL CITY TOTAL	1 1	38,317 38,317	
STATE TOTAL	4	1,001,720	38,317
INDIANA WEST LAFAYETTE PURDUE UNIVERSITY GM21954-01 GM21992-01	GRAHAM, DALE E HOLTON, ROBERT A	THE EUKARYOTE GENOME: EVOLVING STRUCTURE AND FUNCTION SYNTHESIS OF ALKALOIDS AND MACROCYCLES	58,730 17,416
INSTITUTION TOTAL CITY TOTAL	2 2	76,146 76,146	
STATE TOTAL	2	76,146	
IOWA IOWA CITY UNIVERSITY OF IOWA GM22026-01	GEBHART, GERALD F	NEUROPHYSIOLOGY/PHARMACOLOGY OF CENTRAL NOCICEPTORS	26,545
INSTITUTION TOTAL CITY TOTAL	1 1	26,545 26,545	
STATE TOTAL	1	26,545	
KANSAS KANSAS CITY UNIVERSITY OF KANSAS CA16943-01	HOOGSTRATEN, BARTH	SOUTHWEST ONCOLOGY GROUP - OPERATIONS OFFICE	84,140

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
INSTITUTION TOTAL	1	84,140	
CITY TOTAL	1	84,140	
KANSAS			
LAWRENCE			
UNIVERSITY OF KANSAS			
GM21784-01	HANZLIK, ROBERT P	THE ROLE OF EPOXIDES IN METABOLISM AND DRUG TOXICITY	31,643
INSTITUTION TOTAL	1	31,643	
CITY TOTAL	1	31,643	
STATE TOTAL	2	115,783	
LOUISIANA			
NEW ORLEANS			
LOUISIANA STATE UNIVERSITY SYSTEM--LOUISIANA STATE UNIVERSITY MEDICAL CENTER AT NEW ORLEANS			
CA16766-01A1	MORGAN, LEE R	BIOCHEMICAL MARKERS IN DISEASES OF THE LARGE BOWEL	40,629
INSTITUTION TOTAL	1	40,629	
CITY TOTAL	1	40,629	
RUSTON			
LOUISIANA TECHNOLOGICAL UNIVERSITY			
GM21214-01	CRUMP, KENNY S	DYNAMICS OF CHEMOSTAT CULTURES	12,558
INSTITUTION TOTAL	1	12,558	
CITY TOTAL	1	12,558	
STATE TOTAL	2	53,187	
MARYLAND			
BALTIMORE			
JOHNS HOPKINS UNIVERSITY			
AM18184-01	DOTY, STEPHEN B	A STUDY OF SKELETAL TISSUE REPAIR	74,976
GM21451-01	LENNARZ, WILLIAM J	LIPID CARRIERS IN MEMBRANE GLYCOPROTEIN SYNTHESIS	41,500
HL17655-01	ROSS, RICHARD S	STUDY OF ISCHEMIC HEART DISEASE	568,597
INSTITUTION TOTAL	3	685,073	
CITY TOTAL	3	685,073	
STATE TOTAL	3	685,073	

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MASSACHUSETTS BOSTON BOSTON HEALTH AND HOSPITALS DEPARTMENT--BOSTON CITY HOSPITAL HL17696-01	FINE, JACOB	ROLE OF THE PLATELET IN ENDOTOXEMIA	40,000
INSTITUTION TOTAL	1	40,000	
HARVARD UNIVERSITY ES01076-01 HL17844-01 GM22030-01 GM21740-01	BRAIN, JOSEPH D GEYER, ROBERT P TAI, PHANG-CHENG THOMAS, CHARLES A, JR	FACTORS INFLUENCING DEPOSITION OF INHALED PARTICLES ARTIFICIAL BLOOD SUBSTITUTES: O2-BINDING IRON CHELATES TRANSLATION ON POLYCYSTRONIC MRNA & ANTIBIOTIC ACTION MOLECULAR CYTOGENETICS	43,516 69,080 33,171 49,500
INSTITUTION TOTAL	4	195,267	
MASSACHUSETTS GENERAL HOSPITAL GM22023-01 HL17665-01	COOPER, JEFFREY B HABER, EDGAR	NEW APPROACHES FOR ANESTHESIA MANAGEMENT STUDY OF ISCHEMIC HEART DISEASE	48,783 655,503
INSTITUTION TOTAL	2	704,286	
SIDNEY FARBBER CANCER ES00731-01	CENTER YERGANIAN, GEORGE	CHROMOSOME MUTAGENESIS AND CARCINOGENIC POTENTIATION	26,000
INSTITUTION TOTAL	1	26,000	
CITY TOTAL	8	965,553	
CAMBRIDGE HARVARD UNIVERSITY GM21809-01 AM18111-01 GM21940-01	KESSIN, RICHARD H TAYLOR, DOUGLASS L WARE, BENNIE R	GENETIC CONTROL OF CELL ADHESION IN D. DISCOIDEUM MUSCLE CONTRACTION AND CYTOPLASMIC STREAMING LASER DOPPLER INVESTIGATION OF PROTOPLASMIC STREAMING	47,336 85,602 23,828
INSTITUTION TOTAL	3	156,766	
MASSACHUSETTS INSTITUTE OF TECHNOLOGY HL17794-01 GM21874-01	BALDWIN, JACK E PARDUE, MARY L	CHELATING AGENTS AS BLOOD SUBSTITUTES GENE FUNCTION ANALYSIS BY POLYTENE CHROMOSOMES	41,855 58,769
INSTITUTION TOTAL	2	100,624	
CITY TOTAL	5	257,390	
WALTHAM BRANDEIS UNIVERSITY AI12895-01	NISONOFF, ALFRED	IDIOTYPE AND GENETIC CONTROL OF ANTIBODY BIOSYNTHESIS	34,243

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
INSTITUTION TOTAL	1	34,243	
MASSACHUSETTS			
WALTHAM			
EUNICE KENNEDY SHRIVER CENTER FOR MENTAL RETARDATION			
NS12060-01	STOPFYN, PIERRE J	CHEMISTRY OF GLYCOLIPIDS	15,566
INSTITUTION TOTAL	1	15,566	
CITY TOTAL	2	49,809	
WOODS HOLE			
SOCIETY OF GENERAL PHYSIOLOGISTS			
GM21713-01	COOK, JOHN S	BIOGENESIS AND TURNOVER OF MEMBRANE MOLECULES	3,740
INSTITUTION TOTAL	1	3,740	
CITY TOTAL	1	3,740	
WORCESTER			
UNIVERSITY OF MASSACHUSETTS SYSTEM--UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL			
AM18269-01	MILLER, THOMAS B, JR	REGULATION OF HEPATIC GLYCOGEN SYNTHESIS	26,467
INSTITUTION TOTAL	1	26,467	
CITY TOTAL	1	26,467	
STATE TOTAL	17	1,302,959	
MINNESOTA			
ROCHESTER			
MAYO FOUNDATION			
CA16725-01A1	FARROW, GEORGE M	AN ASSESSMENT OF URINE CYTOLOGY	25,320
GM21981-01	KERR, FREDERICK W	INVESTIGATION OF THE PHYSIOLOGICAL BASIS OF ACUPUNCTURE	29,957
INSTITUTION TOTAL	2	55,277	
CITY TOTAL	2	55,277	
SAINT PAUL			
UNIVERSITY OF MINNESOTA			
GM21464-01	WARNER, HUBER R	NUCLEOTIDE METABOLISM AFTER PHAGE T5 INFECTION	25,464
INSTITUTION TOTAL	1	25,464	
CITY TOTAL	1	25,464	

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
STATE TOTAL	3	80,741	
MISSOURI			
COLUMBIA			
UNIVERSITY OF MISSOURI SYSTEM--UNIVERSITY OF MISSOURI AT COLUMBIA			
HL17847-01	ZATZMAN, MARVIN L	CARDIOVASCULAR AND RENAL FUNCTIONS OF MAMMOTS	31,825
INSTITUTION TOTAL	1	31,825	
CITY TOTAL	1	31,825	
UNIVERSITY CITY			
WASHINGTON UNIVERSITY			
HL17646-01	SOBEL, BURTON E	STUDY OF ISCHEMIC HEART DISEASE	892,738
INSTITUTION TOTAL	1	892,738	
CITY TOTAL	1	892,738	
STATE TOTAL	2	924,563	
NEBRASKA			
OMAHA			
UNIVERSITY OF NEBRASKA SYSTEM--UNIVERSITY OF NEBRASKA MEDICAL CENTER			
AM18328-01	MORIARTY, C MICHAEL	CELLULAR MECHANISMS OF PITUITARY HORMONE SECRETION	18,372
INSTITUTION TOTAL	1	18,372	
CITY TOTAL	1	18,372	
STATE TOTAL	1	18,372	
NEW JERSEY			
PISCATAWAY			
COLLEGE OF MEDICINE AND DENTISTRY OF NEW JERSEY--RUTGERS MEDICAL SCHOOL			
GM21763-01	MC ALLISTER, WILLIAM T	REGULATION OF VIRAL GENE EXPRESSION	18,764
INSTITUTION TOTAL	1	18,764	
CITY TOTAL	1	18,764	
STATE TOTAL	1	18,764	
NEW YORK			
BUFFALO			
STATE UNIVERSITY OF NEW YORK AT BUFFALO			
GM21744-01	RECHNITZ, GARRY A	POTENTIOMETRIC CARBONATE ASSAY IN BODY FLUIDS	18,861
* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS			

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
INSTITUTION TOTAL	1	18,861	
CITY TOTAL	1	18,861	
NEW YORK			
COLD SPRING HARBOR			
COLD SPRING HARBOR	LABORATORY OF QUANTITATIVE BIOLOGY		
CA17452-01	GESTELAND, RAYMOND F	CONFERENCE ON PROTEASES AND BIOLOGICAL CONTROL (REVISED)	13,610
INSTITUTION TOTAL	1	13,610	
CITY TOTAL	1	13,610	
ITHACA			
CORNELL UNIVERSITY			
GM21941-01	ROBERTS, JEFFREY W	GENE CONTROL IN INFECTION & LYSOGENY BY PHAGE LAMBDA	43,673
INSTITUTION TOTAL	1	43,673	
CITY TOTAL	1	43,673	
NEW YORK			
AMERICAN CANCER SOCIETY			
CA17469-01	ARJE, SIDNEY L	NATIONAL CONFERENCE ON ADVANCES IN CANCER MANAGEMENT	50,000
INSTITUTION TOTAL	1	50,000	
CITY UNIVERSITY OF NEW YORK--MOUNT SINAI SCHOOL OF MEDICINE			
GM21950-01	ARONSON, ROBERT P	BIOCHEMICAL STUDIES OF THE NUCLEAR PORE COMPLEX	34,250
INSTITUTION TOTAL	1	34,250	
COLUMBIA UNIVERSITY			
GM21833-01	HENDERSON, ANN S	HUMAN GENE SITE LOCALIZATION USING HYBRIDIZATION IN SITU	36,469
INSTITUTION TOTAL	1	36,469	
MEMORIAL HOSPITAL FOR CANCER AND ALLIED DISEASES			
CA17657-01	D'ANGIO, GIULIO J	DELAYED CONSEQUENCES OF CANCER THERAPY	61,136
INSTITUTION TOTAL	1	61,136	
NEW YORK ACADEMY OF SCIENCES			
HL18064-01	SILTZBACH, LOUIS E	SEVENTH INTERNATIONAL CONFERENCE ON SARCOIDOSIS	27,170
INSTITUTION TOTAL	1	27,170	

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NEW YORK NEW YORK NEW YORK MEDICAL COLLEGE CA17168-01	FIGMAN, W WARD	GLYCOPROTEINS OF NORMAL AND CANCEROUS COLONIC TISSUE	77,850
INSTITUTION TOTAL	1		77,850
NEW YORK UNIVERSITY GM21971-01	KREIFICH, GERT	ORGANIZATION AND BIOSYNTHESIS OF ER MEMBRANE PROTEINS	45,000
INSTITUTION TOTAL	1		45,000
SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH CA17035-01 CA17404-01	BROWN, GEORGE B CHOI, Y S	MOLECULAR BIOLOGY - CANCER PROGRAM PROJECT GRANT IMMUNOBIOLOGY IMMUNODEFICIENCY AND CANCER	398,930 743,792
INSTITUTION TOTAL	2		1,142,722
CITY TOTAL	9		1,474,547
ROCHESTER UNIVERSITY OF ROCHESTER GM21782-01 ESC0779-01A1	FINKLE, DAVID C SMITH, FRANK A	BACTERIOPHAGE T7 DNA REPLICATION IN VITRO TOXICITY OF ORGANIC FLUORO COMPOUNDS, FLUOROACETATE	37,705 29,741
INSTITUTION TOTAL	2		67,446
CITY TOTAL	2		67,446
STONY BROOK STATE UNIVERSITY OF NEW YORK AT STONY BROOK GM22007-01 AM18171-01	OHTSURO, EIICHI WILLIAMS, DAVID L	ELECTRON MICROSCOPE ANALYSIS OF GENETIC FUSION HORMONAL REGULATION OF PHOSVITIN MESSENGER RNA	31,476 37,168
INSTITUTION TOTAL	2		68,644
CITY TOTAL	2		68,644
SYRACUSE STATE UNIVERSITY OF NEW YORK--UPSTATE MEDICAL CENTER AM18219-01 GM21847-01	ARGYRIS, THOMAS S BECKER, ROBERT O	RIBOSOME ACCUMULATION IN EPIDERMAL REGENERATION ELECTRICAL CORRELATES OF ACUPUNCTURE	25,206 10,983
INSTITUTION TOTAL	2		36,189
CITY TOTAL	2		36,189

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NIH
RESEARCH GRANTS *

DOLLARS
AWARDED

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NEW YORK			
UPTON			
ASSOCIATED UNIVERSITIES--BROOKHAVEN NATIONAL LABORATORY			
GM21872-01	STUDIER, F WILLIAM	REPLICATION OF T7 DNA	31,640
INSTITUTION TOTAL	1	31,640	
CITY TOTAL	1	31,640	
STATE TOTAL	19	2,159,660	
NORTH CAROLINA			
CHAPEL HILL			
UNIVERSITY OF NORTH CAROLINA SYSTEM--UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL			
GM21997-01	CARTER, CHARLES W, JR	STRUCTURAL STUDIES OF PROTEIN TO NUCLEIC ACID BINDING	24,455
HD09130-01	GALLAGHER, JAMES J	LONGITUDINAL INTERVENTION FOR HIGH-RISK CHILDREN	148,862
HL17726-01	KINGDON, HENRY S	BACTERIAL HEPARINASE IN DIAGNOSTIC COAGULATION STUDIES	23,676
INSTITUTION TOTAL	3	196,993	
CITY TOTAL	3	196,993	
DURHAM			
DUKE UNIVERSITY			
HL17670-01	WALLACE, ANDREW G	STUDY OF ISCHEMIC HEART DISEASE	568,693
INSTITUTION TOTAL	1	568,693	
CITY TOTAL	1	568,693	
STATE TOTAL	4	765,686	
OHIO			
CINCINNATI			
UNIVERSITY OF CINCINNATI			
AM17385-01A1	DUMELEON, JOHN H	DEVELOPMENT OF A TOTAL HIP PROSTHESIS WITH IMPROVED LIFE	22,286
INSTITUTION TOTAL	1	22,286	
CITY TOTAL	1	22,286	
COLUMBUS			
EATTELLE MEMORIAL INSTITUTE			
ES00865-01	AXLER, DAVID	PESTICIDE TOXICITY IN MAMMALIAN CELL CULTURES	33,000
INSTITUTION TOTAL	1	33,000	
CITY TOTAL	1	33,000	

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
STATE TOTAL	2	55,286	
OKLAHOMA			
NORMAN			
UNIVERSITY OF OKLAHOMA			
GM21822-01	VAN DER HELM, DICK	STRUCTURE AND CONFORMATION OF SIDEROCHROMES AND PEPTIDE	39,848
INSTITUTION TOTAL	1	39,848	
CITY TOTAL	1	39,848	
OKLAHOMA CITY			
OKLAHOMA MEDICAL RESEARCH FOUNDATION			
CA16957-01	SHAW, MICHAEL T	SOUTHWEST ONCOLOGY GROUP	83,612
INSTITUTION TOTAL	1	83,612	
CITY TOTAL	1	83,612	
STATE TOTAL	2	123,460	
OREGON			
EUGENE			
OREGON STATE HIGHER EDUCATION SYSTEM--UNIVERSITY OF OREGON			
GM21741-01	BAJER, ANDREW S	STUDIES ON THE FUNCTION OF THE MITOTIC SPINDLE	46,764
INSTITUTION TOTAL	1	46,764	
CITY TOTAL	1	46,764	
STATE TOTAL	1	46,764	
PENNSYLVANIA			
PHILADELPHIA			
HARNEMANN MEDICAL COLLEGE AND HOSPITAL OF PHILADELPHIA			
ES00856-01	DI GREGORIO, GUERINO J	DETERMINATION OF LEAD LEVELS IN SALIVA	4,800
INSTITUTION TOTAL	1	4,800	
TEMPLE UNIVERSITY			
HL17767-01	WIEDEMAN, MARY P	THE MICROCIRCULATION AFTER INTRA-ARTERIAL BARBITURATES	30,460
INSTITUTION TOTAL	1	30,460	
CITY TOTAL	2	35,260	

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
PENNSYLVANIA PITTSBURGH UNIVERSITY OF PITTSBURGH GM22339-01	LINEBERRY, CHARLES G	SIGNAL DETECTION ANALYSIS OF PAIN PERCEPTION	28,775
INSTITUTION TOTAL	1		28,775
VETERANS ADMINISTRATION HOSPITAL CA16908-01	DE RUBERTIS, FREDERICK R	CYCLIC - AMP IN CARCINOMA OF THE COLON	19,900
INSTITUTION TOTAL	1		19,900
CITY TOTAL	2		48,675
STATE TOTAL	4		83,935
SOUTH CAROLINA CHARLESTON MEDICAL UNIVERSITY OF SOUTH CAROLINA GM21758-01	EURENIUS, KARL	GRANULOCYTES AND THE INFECTED BURN WOUND	18,917
INSTITUTION TOTAL	1		18,917
CITY TOTAL	1		18,917
STATE TOTAL	1		18,917
TENNESSEE NASHVILLE VANDERBILT UNIVERSITY AM18270-01	PILKIS, SIMON J	CONTROL OF ION FLUXES AND GLUCONEOGENESIS IN LIVER	35,197
INSTITUTION TOTAL	1		35,197
CITY TOTAL	1		35,197
STATE TOTAL	1		35,197
TEXAS DALLAS UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT DALLAS AM18179-01 HL17669-01	RASKIN, PHILIP WILLERSON, JAMES T	HYPERLIPIDEMIA AND DIABETES: GLUCOSE LIPID INTERACTIONS ISCHEMIC HEART DISEASE CENTER (SCOR)	34,805 426,285
INSTITUTION TOTAL	2		461,090
CITY TOTAL	2		461,090

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
TEXAS			
HOUSTON			
RAYLOR COLLEGE OF MEDICINE			
FL17269-01	DE BAKEY, MICHAEL E	DEMONSTRATION CENTER FOR HEART AND VESSEL DISEASE	2,394,155
INSTITUTION TOTAL	1	2,394,155	
RICE UNIVERSITY			
GM21965-01	BULTMANN, HERMANN	SEQUENCE ORGANIZATION IN THE DROSOPHILA GENOME	25,904
INSTITUTION TOTAL	1	25,904	
UNIVERSITY OF HOUSTON			
GM21839-01	GRAY, HORACE B, JR	NUCLEIC ACID MODIFICATION WITH SPECIFIC ENDONUCLEASES	19,121
GM21790-01	KOHN, HAROLD L	AN "IRREVERSIBLE ACID" TEST OF BIOCHEMICAL MECHANISMS	21,172
INSTITUTION TOTAL	2	40,293	
CITY TOTAL	4	2,460,352	
STATE TOTAL	6	2,921,442	
UTAH			
SALT LAKE CITY			
UTAH STATE HIGHER EDUCATION SYSTEM--UNIVERSITY OF UTAH			
GM21875-01	CASJENS, SHERWOOD R	BACTERIOPHAGE P22 ASSEMBLY AND ITS GENETIC CONTROL	69,507
GM21960-01	HUANG, WAI M	STUDIES ON T4 DNA REPLICATION	46,035
INSTITUTION TOTAL	2	115,542	
CITY TOTAL	2	115,542	
STATE TOTAL	2	115,542	
VIRGINIA			
CHARLOTTESVILLE			
UNIVERSITY OF VIRGINIA			
GM22039-01	HUNT, DONALD F	STUDY OF CARCINOGENIC AND ANTICARCINOGENIC COMPOUNDS	75,000
INSTITUTION TOTAL	1	75,000	
CITY TOTAL	1	75,000	
STATE TOTAL	1	75,000	

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

DOLLARS
AWARDED

16,404

49,500
35,576

46,537

47,510

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
WASHINGTON PULLMAN WASHINGTON STATE UNIVERSITY GM21996-01	STEVENS, CARL M, II	MECHANISMS OF CHAIN ELONGATION IN ALPHA-KETO ACIDS	16,404
INSTITUTION TOTAL	1		16,404
CITY TOTAL	1		16,404
STATE TOTAL	1		16,404
WISCONSIN MADISON UNIVERSITY OF WISCONSIN SYSTEM--UNIVERSITY OF WISCONSIN-MADISON GM21912-01 GM21963-01	BLATTNER, FREDERICK R BORISY, GARY G	REGULATORY SITES IN PRO AND EUKARYOTIC GENOMES MECHANISM OF MICROTUBULE ASSEMBLY	49,500 35,576
INSTITUTION TOTAL	2		85,076
CITY TOTAL	2		85,076
STATE TOTAL	2		85,076
CANADA VANCOUVER UNIVERSITY OF BRITISH COLUMBIA AM17989-01	DOLPHIN, DAVID W	PORPHYRIN IONS AND RADICALS IN METABOLIC PROCESSES	46,537
INSTITUTION TOTAL	1		46,537
CITY TOTAL	1		46,537
STATE TOTAL	1		46,537
YUGOSLAVIA BELGRADE UNIVERSITY OF BELGRADE HD08495-01	LUKATELA, GEORCIJE L	CROSS-LANGUAGE STUDIES OF PROCESSES BASIC TO READING	47,510
INSTITUTION TOTAL	1		47,510
CITY TOTAL	1		47,510
STATE TOTAL	1		47,510
TOTAL	113		13,578,342

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
ARIZONA			
TUCSON			
UNIVERSITY OF ARIZONA	PRESENT, ARTHUR J	BREAST CANCER DETECTION DEMONSTRATION PROJECT	185,000
CN55097-00			
INSTITUTION TOTAL	1	185,000	
CITY TOTAL	1	185,000	
STATE TOTAL	1	185,000	
CALIFORNIA			
BERKELEY			
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT BERKELEY		STUDY OF THE CONSEQUENCES OF CONTRACEPTIVE FAILURE	21,700
HD52316-00	OECHSLI, FRANK W		
INSTITUTION TOTAL	1	21,700	
CITY TOTAL	1	21,700	
LOS ANGELES			
CHILDREN'S HOSPITAL OF LOS ANGELES		FIBRINOLYSIS AS A PARAMETER OF IN VITRO TRANSFORMATION	46,818
CP55641-00	BENEDICT, WILLIAM F		
INSTITUTION TOTAL	1	46,818	
UNIVERSITY OF SOUTHERN CALIFORNIA			
AM52234-00	MASSRY, SHAUL G	OSREODYSTROPHY AND DIVALENT IONS IN KIDNEY FAILURE	74,450
INSTITUTION TOTAL	1	74,450	
CITY TOTAL	2	121,268	
SAN DIEGO			
WSA, INC.		EQUIPMENT FOR GAMMA-RAY, X-RAY, LET RADIATION THERAPY	18,435
CB53867-00	DOBSON, JACK		
INSTITUTION TOTAL	1	18,435	
CITY TOTAL	1	18,435	
SANTA MONICA			
SYSTEM DEVELOPMENT CORPORATION		BENCHMARK AND PROGRAM CONVERSION SPECIFICATIONS	20,500
LM54707-00	NOT APPLICABLE		
INSTITUTION TOTAL	1	20,500	
CITY TOTAL	1	20,500	

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
STATE TOTAL	5	181,903	
DIST OF COL			
WASHINGTON			
MEDICAL RESEARCH ASSOCIATES			
AI52508-00	GOLDSTEIN, ROBERT A	TEST MYCOBACTERIAL FRACTIONS BY LYMPHOCYTE BLASTOGENESIS	4,500
INSTITUTION TOTAL	1	4,500	
NATIONAL ACADEMY OF SCIENCES			
OD52109-00	KELLY, WILLIAM C	NEED FOR BIOMEDICAL AND BEHAVIORAL RESEARCH PERSONNEL	91,134
INSTITUTION TOTAL	1	91,134	
CITY TOTAL	2	95,634	
STATE TOTAL	2	95,634	
FLORIDA			
GAINESVILLE			
STATE UNIVERSITY OF FLORIDA SYSTEM--UNIVERSITY OF FLORIDA			
HD52805-00	COHEN, JOEL E	ATTITUDINAL FACTORS IN CONTRACEPTIVE DECISIONS	59,710
INSTITUTION TOTAL	1	59,710	
CITY TOTAL	1	59,710	
STATE TOTAL	1	59,710	
GEORGIA			
ATLANTA			
EMORY UNIVERSITY			
LM54702-00	NOT APPLICABLE	PRODUCE TWO SELF-INSTRUCTIONAL SEGMENTS IN NURSING	45,600
INSTITUTION TOTAL	1	45,600	
CITY TOTAL	1	45,600	
STATE TOTAL	1	45,600	
HAWAII			
HONOLULU			
UNIVERSITY OF HAWAII SYSTEM--UNIVERSITY OF HAWAII AT MANOA			
AI52507-00	WORTH, ROBERT M	COLLECTION AND ANALYSIS OF DATA ON LEPROSY	7,785
INSTITUTION TOTAL	1	7,785	

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
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CITY TOTAL	1	7,785	
STATE TOTAL	1	7,785	

ILLINOIS NORMAL ILLINOIS STATE UNIVERSITY HD52811-00	WALSH, ROBERT H	ANALYSIS OF VARIABLES OF ATTITUDES ON FERTILITY	12,283
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INSTITUTION TOTAL	1	12,283	
CITY TOTAL	1	12,283	
STATE TOTAL	1	12,283	

MARYLAND ROCKVILLE WESTAT RESEARCH, INC. EY52108-00	CAHILL, JOHN	PREVALENCE AND COST OF VISUAL DISORDERS AND DISABILITIES	68,489
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INSTITUTION TOTAL	1	68,489	
CITY TOTAL	1	68,489	
STATE TOTAL	1	68,489	

MICHIGAN EAST LANSING MICHIGAN STATE UNIVERSITY HD52803-00	KALLEN, DAVID J	FACTORS INFLUENCING CONTRACEPTION IN UNMARRIED STUDENTS	342,378
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INSTITUTION TOTAL	1	342,378	
CITY TOTAL	1	342,378	
STATE TOTAL	1	342,378	

MINNESOTA ROCHESTER MAYO FOUNDATION CM53772-00	AHMANN, DAVID L	CHEMOTHERAPY STUDIES IN PATIENTS WITH BREAST CANCER	243,067
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INSTITUTION TOTAL	1	243,067	
CITY TOTAL	1	243,067	
STATE TOTAL	1	243,067	

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
NEW YORK			
ALBANY			
UNION COLLEGE AND UNIVERSITY SYSTEM--ALBANY MEDICAL COLLEGE			
AI52510-00	LEMPERT, NEIL	HISTOCOMPATIBILITY MATCHING IN RENAL TRANSPLANTATION	13,343
INSTITUTION TOTAL	1	13,343	
CITY TOTAL	1	13,343	
NEW YORK			
ROCKEFELLER UNIVERSITY			
AM52202-00	CERAMI, ANTHONY	TEST AND EVALUATE IRON CHELATOR COMPOUND 2, 3-DHB	50,000
INSTITUTION TOTAL	1	50,000	
CITY TOTAL	1	50,000	
STATE TOTAL	2	63,343	
VIRGINIA			
MC LEAN			
JRB ASSOCIATES			
CO55426-00	WEIS, JOHN	SYSTEMS PLANNING FOR THE NCI/OD NATIONAL CANCER PROGRAM	1,359,313
INSTITUTION TOTAL	1	1,359,313	
CITY TOTAL	1	1,359,313	
SPRINGFIELD			
MELOY LABORATORIES			
CP55613-00	SLY, LEWIS D	TRANSPLACENTAL CARCINOGENESIS IN ERYTHROCEBUS PATAS	146,331
INSTITUTION TOTAL	1	146,331	
CITY TOTAL	1	146,331	
STATE TOTAL	2	1,505,644	
TOTAL	19	2,810,836	

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	AREA OF TRAINING	PROGRAM
CALIFORNIA LA JOLLA UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT SAN DIEGO GM00106-01	OKAMURA, MELVIN Y	ELECTRON TRANSPORT IN BACTERIAL MEMBRANES	K04
INSTITUTION TOTAL	1		
CITY TOTAL	1		
RIVERSIDE UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT RIVERSIDE GM00001-01	PURLONG, CLEMENT E	BACTERIAL AND HUMAN MEMBRANE TRANSPORT SYSTEMS	K04
INSTITUTION TOTAL	1		
CITY TOTAL	1		
SAN FRANCISCO UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT SAN FRANCISCO GM00149-01 GM00055-01	BISSELL, DWIGHT M, JR KOROPKIN, MELVYN T	REGULATION OF HEPATIC HEMOPROTEIN METABOLISM UROGRAPHIC AND HEHODYNAMIC CHANGES IN RENAL ISCHEMIA	K04 K04
INSTITUTION TOTAL	2		
CITY TOTAL	2		
STATE TOTAL	4		
DIST OF COL WASHINGTON GEORGE WASHINGTON UNIVERSITY LM00001-01	ZIMMERMAN, HYMAN J	THE SPECTRUM OF HEPATOTOXICITY	K10
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	1		
GEORGIA ATHENS UNIVERSITY SYSTEM OF GEORGIA--UNIVERSITY OF GEORGIA GM00048-01	KUSHNER, SIDNEY R	BIOCHEMISTRY OF GENETIC RECOMBINATION AND DNA REPAIR	K04
INSTITUTION TOTAL	1		
CITY TOTAL	1		

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	STATE TOTAL	AREA OF TRAINING	PROGRAM
INDIANA WEST LAFAYETTE PURDUE UNIVERSITY GM00023-01	HARTL, DANIEL L	1	EVOLUTION OF NEW GENES, DYNAMICS OF GENE SUBSTITUTION	K04
INSTITUTION TOTAL	1			
CITY TOTAL	1			
STATE TOTAL	1			
MASSACHUSETTS BOSTON CHILDREN'S HOSPITAL MEDICAL CENTER GM00122-01	LATT, SAMUEL A	1	HUMAN CHROMOSOME STRUCTURE AND REPLICATION	K04
INSTITUTION TOTAL	1			
HARVARD UNIVERSITY GM00014-01	RANDO, ROBERT R	1	SUBSTRATE INDUCED IRREVERSIBLE INHIBITION OF ENZYMES	K04
INSTITUTION TOTAL	1			
CITY TOTAL	2			
STATE TOTAL	2			
NEW YORK ALBANY STATE UNIVERSITY OF NEW YORK AT ALBANY GM00082-01	STRATTON, HOWARD H	1	CLINICAL MODELING BY PROB FUNCTIONS OF MARKOV CHAIN	K04
INSTITUTION TOTAL	1			
CITY TOTAL	1			
ROCHESTER UNIVERSITY OF ROCHESTER GM00004-01	PRAKASH, LOUISE	1	REPAIR OF DAMAGED DNA AND MUTAGENESIS IN YEAST	K04
INSTITUTION TOTAL	1			
CITY TOTAL	1			
STATE TOTAL	2			

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	AREA OF TRAINING	PROGRAM
PENNSYLVANIA PHILADELPHIA TEMPLE UNIVERSITY GM00072-01	ERNST, STEPHEN A	CYTOCHEMICAL LOCALIZATION OF TRANSPORT ATPASE	K04
INSTITUTION TOTAL	1		
UNIVERSITY OF PENNSYLVANIA GM00099-01 GM00142-01	HORWITZ, ALAN F LEIGH, JOHN S, JR	RELATION OF STRUCTURE TO FUNCTION IN NEURAL MEMBRANES KINETICS AND STRUCTURE IN BIOLOGICAL MEMBRANES	K04 K04
INSTITUTION TOTAL	2		
CITY TOTAL	3		
STATE TOTAL	3		
UTAH SALT LAKE CITY UTAH STATE HIGHER EDUCATION SYSTEM--UNIVERSITY OF UTAH GM00148-01	HUANG, WAI M	STUDIES ON T4 DNA REPLICATION	K04
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	1		
VIRGINIA CHARLOTTESVILLE UNIVERSITY OF VIRGINIA GM00019-01	KADNER, ROBERT J	GENETIC CONTROL OF MEMBRANE TRANSPORT IN E. COLI	K04
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	1		
PUERTO RICO SAN JUAN UNIVERSITY OF PUERTO RICO SYSTEM--UNIVERSITY OF PUERTO RICO AT RIO PIEDRAS GM00141-01	ADAM, WALDEMAR	SYNTHESIS OF ENDOPEROXIDE PRECURSORS TO PROSTAGLANDIN	K04
INSTITUTION TOTAL	1		
CITY TOTAL	1		

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH CAREER PROGRAM AWARDS

PROGRAM

AREA OF TRAINING

AWARDEE

GRANT NUMBER

1

STATE TOTAL

17

TOTAL

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

DEPARTMENT OF
HEALTH, EDUCATION, AND WELFARE
PUBLIC HEALTH SERVICE
NATIONAL INSTITUTES OF HEALTH
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REPORT 19M

U.S. NATIONAL INSTITUTES OF HEALTH

NEW GRANTS AND AWARDS

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Arranged by State, City and Institution

Announced During

MARCH 1975

U.S. DEPARTMENT OF
HEALTH, EDUCATION, AND WELFARE
Public Health Service

154
995
1000

PREPARED BY
NATIONAL INSTITUTES OF HEALTH
DIVISION OF RESEARCH GRANTS
STATISTICS AND ANALYSIS BRANCH

CONTENTS

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SYMBOLS USED TO IDENTIFY THE SUPPORTING INSTITUTE OR DIVISION

AG NATIONAL INSTITUTE ON AGING
 AI NATIONAL INSTITUTE OF ALLERGY AND INFECTIOUS DISEASES
 AM NATIONAL INSTITUTE OF ARTHRITIS, METABOLISM, AND DIGESTIVE DISEASES
 CA NATIONAL CANCER INSTITUTE
 CA DIVISION OF CANCER RESEARCH RESOURCES AND CENTERS
 CB DIVISION OF CANCER BIOLOGY AND DIAGNOSIS
 CM DIVISION OF CANCER TREATMENT
 CN OFFICE OF CANCER CONTROL
 CO OFFICE OF THE DIRECTOR, NCI
 CP DIVISION OF CANCER CAUSE AND PREVENTION
 CL CLINICAL CENTER
 CT DIVISION OF COMPUTER RESEARCH AND TECHNOLOGY
 DE NATIONAL INSTITUTE OF DENTAL RESEARCH
 ES NATIONAL INSTITUTE OF ENVIRONMENTAL HEALTH SCIENCES
 EY NATIONAL EYE INSTITUTE
 GM NATIONAL INSTITUTE OF GENERAL MEDICAL SCIENCES
 HD NATIONAL INSTITUTE OF CHILD HEALTH AND HUMAN DEVELOPMENT
 HL NATIONAL HEART AND LUNG INSTITUTE
 HB DIVISION OF BLOOD DISEASES AND RESOURCES
 HI DIVISION OF INTRAMURAL RESEARCH
 HO OFFICE OF THE DIRECTOR, NHLI
 HR DIVISION OF LUNG DISEASES
 HV DIVISION OF HEART AND VASCULAR DISEASES
 JT JOINT CONTRACT SPONSORSHIP
 LM NATIONAL LIBRARY OF MEDICINE
 NS NATIONAL INSTITUTE OF NEUROLOGICAL DISEASES AND STROKE
 OD OFFICE OF THE DIRECTOR, NIH
 RG DIVISION OF RESEARCH GRANTS
 RR DIVISION OF RESEARCH RESOURCES
 RS DIVISION OF RESEARCH SERVICES
 TW FOGARTY INTERNATIONAL CENTER

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
ARKANSAS LITTLE ROCK UNIVERSITY OF ARKANSAS MEDICAL CENTER HD09119-01	DYKMAN, ROSCOE A	STUDY OF CHILDREN WITH MINIMAL BRAIN DYSFUNCTION	44,424
INSTITUTION TOTAL	1		44,424
CITY TOTAL	1		44,424
STATE TOTAL	1		44,424
CALIFORNIA BERKELEY UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT BERKELEY LM02324-01	CIPOLLA, CARLO M	THE EARLY HISTORY OF PUBLIC HEALTH IN WESTERN EUROPE	2,100
INSTITUTION TOTAL	1		2,100
CITY TOTAL	1		2,100
LA JOLLA SCRIPPS CLINIC AND RESEARCH FOUNDATION AI12594-01	ARROYAVE, CARLOS M	IMPORTANCE OF ALTERNATE COMPLEMENT PATHWAY IN DISEASE	54,032
INSTITUTION TOTAL	1		54,032
CITY TOTAL	1		54,032
LOS ANGELES UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT LOS ANGELES LM02435-01	FRANK, ROBERT G, JR	ANATOMY AND PHYSIOLOGY IN 17TH CENTURY ENGLAND	11,875
INSTITUTION TOTAL	1		11,875
CITY TOTAL	1		11,875
STATE TOTAL	3		68,007
FLORIDA MIAMI BEACH MOUNT SINAI MEDICAL CENTER HL17816-01	SACKNER, MARVIN A	MUCOCILIARY TRANSPORT MECHANISMS	20,000
INSTITUTION TOTAL	1		20,000
CITY TOTAL	1		20,000
STATE TOTAL	1		20,000

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH GRANTS *

DOLLARS
AWARDED

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	
GEORGIA			
ATLANTA			
EMORY UNIVERSITY			
DE04003-01	HUNT, LINDSAY M	DENTAL ANESTHESIA: A PSYCHOPHYSIOLOGICAL EVALUATION	35,253
			35,253
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	1		35,253
ILLINOIS			
CHICAGO			
UIC RESEARCH INSTITUTE			
HL16869-01A1	KROTOSZYNSKI, B K	CHARACTERIZATION OF EFFLUENTS FROM NORMAL HUMAN LUNGS	40,792
			40,792
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL			40,792
EVANSTON			
NORTHWESTERN UNIVERSITY			
WM21432-01	WU, TAI T	ATTEMPTS TO PREDICT 3-D PROTEIN BACKBONE STRUCTURES	9,823
			9,823
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	2		50,615
KANSAS			
KANSAS CITY			
UNIVERSITY OF KANSAS			
AM18323-01	COHN, DAVID V	PARATHYROID AND PROPARATHYROID HORMONE	58,500
			58,500
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL			58,500
LAWRENCE			
UNIVERSITY OF KANSAS			
DE04145-01	CRAMFORD, MICHAEL II	DENTAL EVOLUTION OF TRANSPLANTED MEXICAN POPULATIONS	22,006
AL12357-01	ROBERTSON, DONALD C	PATHOGENICITY OF ENTEROTOXIGENIC ESCHERICHIA COLI	25,829
INSTITUTION TOTAL	2		47,835
CITY TOTAL	2		47,835

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
STATE TOTAL	3	106,335	
MARYLAND			
BALTIMORE			
UNIVERSITY OF MARYLAND SYSTEM--UNIVERSITY OF MARYLAND PROFESSIONAL SCHOOLS			21,920
CA16773-01	HYBL, ALBERT	X-RAY CRYSTAL STRUCTURE ANALYSIS OF DIACYL LIPIDS	
INSTITUTION TOTAL	1	21,920	
CITY TOTAL	1	21,920	
BETHESDA			
AMERICAN SOCIETY FOR PHARMACOLOGY AND EXPERIMENTAL THERAPEUTICS			
GM22019-01	MANDEL, H GEORGE	VI INTERNATIONAL CONGRESS OF PHARMACOLOGY	21,750
INSTITUTION TOTAL	1	21,750	
CITY TOTAL	1	21,750	
STATE TOTAL	2	43,670	
MASSACHUSETTS			
CAMBRIDGE			
HARVARD UNIVERSITY			
LM02355-01	ROSENKRANTZ, BARBARA G	DIAGNOSIS AND TREATMENT OF ASYLUM INMATES 1824-1860	58,236
INSTITUTION TOTAL	1	58,236	
CITY TOTAL	1	58,236	
STATE TOTAL	1	58,236	
MICHIGAN			
ANN ARBOR			
UNIVERSITY OF MICHIGAN			
AI12533-01	CLAPLIN, J LATHAM	CLONAL NATURE OF IMMUNE RESPONSES TO PHOSPHORYIOCHOLINE	33,210
INSTITUTION TOTAL	1	33,210	
CITY TOTAL	1	33,210	
DETROIT			
WAYNE STATE UNIVERSITY			
DE04067-01	PURNEY, JAMES W, JR	CELLULAR PHARMACOLOGY OF SALIVARY SECRETION	27,900
INSTITUTION TOTAL	1	27,900	

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH GRANTS *

DOLLARS
AWARDED

TITLE OF RESEARCH PROPOSAL

PRINCIPAL INVESTIGATOR

CITY TOTAL 1 27,900

STATE TOTAL 2 61,110

MINNESOTA

MINNEAPOLIS

UNIVERSITY OF MINNESOTA

CA16623-01

VINCE, ROBERT

DESIGN OF AMINONUCLEOSIDE CHEMOTHERAPEUTIC AGENTS

44,772

INSTITUTION TOTAL 1 44,772

CITY TOTAL 1 44,772

STATE TOTAL 1 44,772

NEBRASKA

OMAHA

UNIVERSITY OF NEBRASKA SYSTEM--UNIVERSITY OF NEBRASKA MEDICAL CENTER

LM02380-01

BENSCHOTER, REBA A

3RD EDITION - 8MM FILMS IN MEDICINE AND HEALTH SCIENCES

21,389

INSTITUTION TOTAL 1 21,389

CITY TOTAL 1 21,389

STATE TOTAL 1 21,389

NEW YORK

ITHACA

CORNELL UNIVERSITY

AM17208-01A1

SCOTT, MILTON L

STYCOS, J MAYONE

BIOCHEMICAL MODES OF ACTION OF SELENIUM AND VITAMIN E

FEMALE COLLEGE GRADUATE'S SEX ROLE, MODERNITY, FERTILITY

39,939

22,180

INSTITUTION TOTAL 2 62,119

CITY TOTAL 2 62,119

NEW YORK

MEMORIAL HOSPITAL FOR CANCER AND ALLIED DISEASES

CA17097-01

HILARIS, BASIL S

INTERNATIONAL SYMPOSIUM: AFTERLOADING IN BRACHYTHERAPY

18,200

INSTITUTION TOTAL 1 18,200

STATE UNIVERSITY OF NEW YORK--DOWNSTATE MEDICAL CENTER

HL17729-01

DETWILER, THOMAS C

STIMULUS-RESPONSE COUPLING IN PLATELETS

47,363

INSTITUTION TOTAL 1 47,363

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH GRANTS *

DOLLARS
AWARDED

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CITY TOTAL	2	65,563	
STATE TOTAL	4	127,682	
PENNSYLVANIA			
PHILADELPHIA			
PENNSYLVANIA	COLLEGE OF OPTOMETRY		
EY01473-01	HIGGINS, KENT E	PERIPHERAL MECHANISMS IN FUNCTIONAL AMBLYOPIA	7,500
INSTITUTION TOTAL	1	7,500	
CITY TOTAL	1	7,500	
PITTSBURGH			
UNIVERSITY OF PITTSBURGH			
AM18160-01	FEINGOLD, DAVID S	5-EPIMERIZATION IN MUCOPOLYSACCHARIDE SYNTHESIS	36,470
INSTITUTION TOTAL	1	36,470	
CITY TOTAL	1	36,470	
UNIVERSITY PARK			
PENNSYLVANIA STATE UNIVERSITY			
HD09182-01	BAKER, PAUL T	MIGRATION AND POPULATION BIOLOGY IN SOUTHERN PERU	35,560
INSTITUTION TOTAL	1	35,560	
CITY TOTAL	1	35,560	
STATE TOTAL	3	79,530	
TENNESSEE			
MEMPHIS			
UNIVERSITY OF TENNESSEE SYSTEM--UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES			
AM17991-01	SILVERBLATT, FREDRIC J	ROLE OF PILI IN GENITOURINARY TRACT INFECTIONS	30,474
INSTITUTION TOTAL	1	30,474	
CITY TOTAL	1	30,474	
STATE TOTAL	1	30,474	
TEXAS			
SAN ANTONIO			
SOUTHWEST FOUNDATION FOR RESEARCH AND EDUCATION			
AI12401-01	MYERS, BETTY J	LARVAL SCHISTOSOMES: CHARACTERIZATION AND DEVELOPMENT	9,184

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH GRANTS *

DOLLARS
AWARDED

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
INSTITUTION TOTAL	1	9,184	
CITY TOTAL	1	9,184	
STATE TOTAL	1	9,184	
UTAH			
SALT LAKE CITY			
LATTER-DAY SAINTS HOSPITAL SYSTEM--LATTER-DAY SAINTS HOSPITAL			
CA16573-01	SKOLNICK, MARK H	CANCER INCIDENCE AND RISK FACTORS BY KINSHIP	168,276
INSTITUTION TOTAL	1	168,276	
CITY TOTAL	1	168,276	
STATE TOTAL	1	168,276	
WISCONSIN			
MILWAUKEE			
UNIVERSITY OF WISCONSIN SYSTEM--UNIVERSITY OF WISCONSIN-MILWAUKEE			
GM21916-01	MC FARLAND, JAMES T	RESONANCE RAMAN PROBE STUDIES OF BIOMOLECULES	20,590
INSTITUTION TOTAL	1	20,590	
CITY TOTAL	1	20,590	
STATE TOTAL	1	20,590	
AUSTRALIA			
MELBOURNE			
ROYAL MELBOURNE HOSPITAL			
A112565-01	MARCHALONIS, JOHN J	ORIGINS OF IMMUNE RECOGNITION	29,180
INSTITUTION TOTAL	1	29,180	
CITY TOTAL	1	29,180	
STATE TOTAL	1	29,180	
ISRAEL			
JERUSALEM			
HEBREW UNIVERSITY OF JERUSALEM			
EY00965-C1A2	DIKSTEIN, SHABTAY	SURVIVAL OF THE CORNEAL ENDOTHELIUM	24,030
INSTITUTION TOTAL	1	24,030	
CITY TOTAL	1	24,030	

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

DOLLARS
AWARDED

NIH RESEARCH GRANTS *			
GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	
STATE TOTAL	1	24,030	
TOTAL	31	1,042,757	

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
ALABAMA			
PRATTVILLE			
SOUTHERN ANIMAL FARMS			
CW53845-00	CURLEE, JOSEPH	MAINTAIN RODENT PRODUCTION CENTER	125,763
INSTITUTION TOTAL	1		125,763
CITY TOTAL	1		125,763
STATE TOTAL	1		125,763
CALIFORNIA			
GILROY			
SIMONSEN LABORATORIES			
CW53847-00	SIMONSEN, HARRY	MAINTAIN RODENT PRODUCTION CENTER	220,138
INSTITUTION TOTAL	1		220,138
CITY TOTAL	1		220,138
LOS ANGELES			
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT LOS ANGELES			
HD52807-00	BECKMAN, LINDA J	DECISION MAKING AND FERTILITY REGULATION	125,209
INSTITUTION TOTAL	1		125,209
UNIVERSITY OF SOUTHERN CALIFORNIA			
HV52934-00	MARNORSTON, JESSIE	ASPIRIN-MYOCARDIAL INFARCTION STUDY	55,931
INSTITUTION TOTAL	1		55,931
CITY TOTAL	2		181,140
STATE TOTAL	3		401,278
DIST OF COL			
WASHINGTON			
GEORGETOWN UNIVERSITY			
OD52121-00	MUSHKIN, SELMA J	TRENDS IN COST OF DISEASE RELATED TO BIOMEDICAL RESEARCH	48,691
INSTITUTION TOTAL	1		48,691
MEDICAL RESEARCH ASSOCIATES			
AI52522-00	GOLDSTEIN, ROBERT A	TEST MYCOBACTERIAL FRACTIONS BY LYMPHOCYTE BLASTOGENESIS	4,900
INSTITUTION TOTAL	1		4,900

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
DIST OF COI			
WASHINGTON			
NATIONAL ACADEMY OF SCIENCES			
OD52116-00	WHITE, ROBERT R	FORUM ON RESEARCH WITH HUMANS: VALUES IN CONFLICT	59,250
RS52125-00	YASER, ROBERT H	ESTABLISH A COMMITTEE ON VETERINARY MEDICAL SCIENCES	15,000
INSTITUTION TOTAL	2	74,250	
CITY TOTAL	4	127,841	
STATE TOTAL	4	127,841	
HAWAII			
HONOLULU			
HAWAII DEPARTMENT OF HEALTH			
CN55208-00	QUISENBERRY, WALTER B	PLANNING FOR A CERVICAL CANCER SCREENING PROGRAM	50,000
INSTITUTION TOTAL	1	50,000	
CITY TOTAL	1	50,000	
STATE TOTAL	1	50,000	
ILLINOIS			
CHICAGO			
AMERICAN COLLEGE OF RADIOLOGY			
CN55217-00	VENET, LOUIS	CONFERENCE TO DETECT AND TREAT EARLY BREAST CANCER	82,500
INSTITUTION TOTAL	1	82,500	
CITY TOTAL	1	82,500	
STATE TOTAL	1	82,500	
IOWA			
IOWA CITY			
UNIVERSITY OF IOWA			
CN55061-00	ABRAMSON, MARCIA	PSYCHOSOCIAL REHABILITATION OF CANCER PATIENTS	182,821
INSTITUTION TOTAL	1	182,821	
CITY TOTAL	1	182,821	
STATE TOTAL	1	182,821	

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH CONTRACTS

DOLLARS
AWARDED

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	
MARYLAND KENSINGTON LITTON INDUSTRIES, INC.--LITTON BIONETICS CM53778-00 SIBINOVIC, K H C953889-00 WALLEN, WILLIAM		OPERATION OF ANIMAL DISEASE DIAGNOSTIC LABORATORY IMMUNE RESPONSE TO TUMOR ASSOCIATED ANTIGENS	66,599 182,134

INSTITUTION TOTAL	2	248,733
CITY TOTAL	2	248,733

ROCKVILLE ENVIRO CONTROL CP55666-00 HAYWARD, A		SMOKING & HEALTH PRIME CONTRACT	1,900,000
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INSTITUTION TOTAL	1	1,900,000
CITY TOTAL	1	1,900,000

TOWSON GREATER BALTIMORE MEDICAL CENTER HV52932-00 PROUT, THADDEUS E		ASPIRIN-MYOCARDIAL INFARCTION STUDY	57,509
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INSTITUTION TOTAL	1	57,509
CITY TOTAL	1	57,509

STATE TOTAL	4	2,206,242
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MASSACHUSETTS CAMBRIDGE ABCOR, INC. DE52448-00 WILLIAMS, DAVID L		AEROSOL OF MICROCAPSULES FOR CARIOSTATIC AGENTS	164,466
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INSTITUTION TOTAL	1	164,466
CITY TOTAL	1	164,466

STATE TOTAL	1	164,466
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NEW JERSEY FREEHOLD WORTHINGTON BIOCHEMICAL CORPORATION AI52516-00 FLORA, ROBERT M		EXTRACT ANTIGENS FROM POLLEN OF LOTIUM PERENNE	54,466
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INSTITUTION TOTAL	1	54,466
CITY TOTAL	1	54,466

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH CONTRACTSDOLLARS
AWARDED

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
NEW JERSEY			
PRINCETON			
EXCERPTA MEDICA FOUNDATION			
5M52115-00	VINKEN, PIERRE J	ABSTRACT SERVICES RELATIVE TO HUMAN GENETIC RESEARCH	11,684
INSTITUTION TOTAL	1		11,684
CITY TOTAL	1		11,684
STATE TOTAL	2		66,150
NEW YORK			
NEW YORK			
LONG ISLAND JEWISH-HILLSIDE MEDICAL CENTER			
HV52915-00	SAMUEL, PAUL	ASPIRIN-MYOCARDIAL INFARCTION STUDY	43,013
INSTITUTION TOTAL	1		43,013
CITY TOTAL	1		43,013
STATE TOTAL	1		43,013
OHIO			
COLUMBUS			
OHIO COLLEGE LIBRARY CENTER			
LM54708-00	NOT APPLICABLE	MAINTAIN TERMINALS; TIME-SHARING COMPUTER SERVICES	22,146
INSTITUTION TOTAL	1		22,146
CITY TOTAL	1		22,146
STATE TOTAL	1		22,146
PENNSYLVANIA			
CHESTER SPRINGS			
COUNCIL FOR THE ADVANCEMENT OF SCIENCE WRITING			
OD52123-00	FRALEY, PIERRE C	SCIENCE WRITERS-IN-RESIDENCE AT RESEARCH INSTITUTIONS	58,270
INSTITUTION TOTAL	1		58,270
CITY TOTAL	1		58,270
STATE TOTAL	1		58,270
SOUTH DAKOTA			
PIERRE			
SOUTH DAKOTA STATE DEPARTMENT OF HEALTH			
CN55164-00	HAYES, ROBERT H	SOUTH DAKOTA CERVICAL CANCER SCREENING PROGRAM	93,272

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH CONTRACTS

DOLLARS
AWARDED

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	
INSTITUTION TOTAL	1		93,272
CITY TOTAL	1		93,272
STATE TOTAL	1		93,272
TENNESSEE			
NASHVILLE			
VANDERBILT UNIVERSITY	IZARD, CARROLL E	EMOTIONS AND FEELINGS IN RELATED BEHAVIORS	
HD52820-00			33,437
INSTITUTION TOTAL	1		33,437
CITY TOTAL	1		33,437
STATE TOTAL	1		33,437
TEXAS			
DALLAS			
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT DALLAS		REGIONAL MEDICAL LIBRARY PROGRAM	
LM54705-00	NOT APPLICABLE		253,817
INSTITUTION TOTAL	1		253,817
CITY TOTAL	1		253,817
STATE TOTAL	1		253,817
UTAH			
OGDEN			
OGDEN RESEARCH FOUNDATION	WILLIAMS, C BASIL	ASPIRIN-MYOCARDIAL INFARCTION STUDY	
HV52948-00			48,816
INSTITUTION TOTAL	1		48,816
CITY TOTAL	1		48,816
SALT LAKE CITY			
UTAH STATE DEPARTMENT OF SOCIAL SERVICES		PLANNING FOR A CERVICAL CANCER SCREENING PROGRAM	
CN55206-00	COLE, VIRGINIA L		44,056
INSTITUTION TOTAL	1		44,056
CITY TOTAL	1		44,056
STATE TOTAL	2		92,872

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH CONTRACTS

DOLLARS
AWARDED

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
VIRGINIA ALEXANDRIA DATADEL, INC. NS52304-00	NOT APPLICABLE	KEYPUNCH AND VERIFY SERVICES	4,000
INSTITUTION TOTAL	1	4,000	
CITY TOTAL	1	4,000	
STATE TOTAL	1	4,000	4,000
WASHINGTON SEATTLE UNIVERSITY OF WASHINGTON RR52117-00	CHRISTOPHER, GRAHAM T	CLINICAL RESEARCH DATA MANAGEMENT AND ANALYSIS SYSTEM	69,058
INSTITUTION TOTAL	1	69,058	
CITY TOTAL	1	69,058	
STATE TOTAL	1	69,058	69,058
WISCONSIN MADISON MOGUL CORPORATION CM53846-00	FORTNEY, ROGER	MAINTENANCE OF RODENT PRODUCTION CENTER	210,092
INSTITUTION TOTAL	1	210,092	
WISCONSIN STATE DEPARTMENT OF HEALTH AND SOCIAL SERVICES CN55156-00	LARKIN, EDWIN R	STATE-WIDE CERVICAL CANCER SCREENING PROGRAM	49,998
INSTITUTION TOTAL	1	49,998	
CITY TOTAL	2	260,090	
STATE TOTAL	2	260,090	49,998
TRUST PACIFIC SAIPAN TRUST TERRITORY OF THE PACIFIC ISLANDS DEPARTMENT OF HEALTH SERVICES CN55168-00	KUMANGI, MASAO	TRUST TERRITORY CERVICAL CANCER SCREENING PROGRAM	193,278
INSTITUTION TOTAL	1	193,278	
CITY TOTAL	1	193,278	
STATE TOTAL	1	193,278	193,278

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
FRANCE			
LYON			
WORLD HEALTH ORGANIZATION--INTERNATIONAL AGENCY FOR RESEARCH ON CANCER			
CO55195-00	MUIR, C S	CLEARINGHOUSE FOR ON-GOING WORK IN CANCER EPIDEMIOLOGY	52,400

INSTITUTION TOTAL	1	52,400
CITY TOTAL	1	52,400
STATE TOTAL	1	52,400
TOTAL	32	4,582,714

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH CAREER PROGRAM AWARDS

3RANT NUMBER	AWARDEE	AREA OF TRAINING	PROGRAM
CALIFORNIA			
SAN FRANCISCO			
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT SAN FRANCISCO			
HL00086-01	MENTZER, WILLIAM C, JR	RBC METABOLISM IN SICKLEWIA AND OTHER CHILDHOOD ANEMIAS	K04
HL00104-01	REID, IAN A	SYMPATHETIC REGULATION OF RENIN SECRETION	K04
INSTITUTION TOTAL	2		
CITY TOTAL	2		
TORRANCE			
LOS ANGELES COUNTY HEALTH SERVICES DEPARTMENT--LOS ANGELES COUNTY HARBOR GENERAL HOSPITAL			
HD00029-01	SPERLING, MARK A	ENDOCRINE REGULATION OF CARBOHYDRATE METABOLISM	K04
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	3		
ILLINOIS			
CHICAGO			
MICHAEL REESE HOSPITAL AND MEDICAL CENTER			
AM00103-01	SCHNEIDER, ARTHUR B	HORMONE STRUCTURE & SECRETION: NORMAL GLANDS & TUMORS	K04
INSTITUTION TOTAL	1		
NORTHWESTERN UNIVERSITY			
HL00033-01	TEN EICK, ROBERT E	ELECTROPHYSIOLOGICAL BASIS OF HUMAN DYSRHYTHMIAS	K04
INSTITUTION TOTAL	1		
UNIVERSITY OF ILLINOIS SYSTEM--UNIVERSITY OF ILLINOIS AT CHICAGO CIRCLE			
AM00029-01	SCHULTZ, ALBERT B	BIOCHEMICAL STUDIES OF IDIOPATHIC SCOLIOSIS	K04
INSTITUTION TOTAL	1		
CITY TOTAL	3		
EVANSTON			
NORTHWESTERN UNIVERSITY			
AM00081-01	LEWIS, JACK L	MECHANICAL PROPERTIES OF BONE AND IMPLANT DESIGN	K04
INSTITUTION TOTAL	1		
CITY TOTAL	1		

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	AREA OF TRAINING	PROGRAM
ILLINOIS			
URBANA			
UNIVERSITY OF ILLINOIS SYSTEM--UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN			
HL00040-01	JENNIS, ROBERT B	LIPID-REQUIRING MEMBRANE ENZYMES	K04
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	5		
IOWA			
IOWA CITY			
UNIVERSITY OF IOWA			
HL00073-01	HERMSMEYER, R KENT	MEMBRANE ELECTRICAL PROPERTIES OF VASCULAR MUSCLE	K04
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	1		
MARYLAND			
BALTIMORE			
JOHNS HOPKINS UNIVERSITY			
HL00068-01	PIRKLE, J CARL, JR	ANALYSIS AND EXPERIMENTATION IN BLOOD VOLUME CONTROL	K04
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	1		
MASSACHUSETTS			
BOSTON			
HARVARD UNIVERSITY			
HL00013-01	MC PADDEN, EDWARD R, JR	PATHOPHYSIOLOGY OF EXERCISE-INDUCED ASTHMA	K04
INSTITUTION TOTAL	1		
MASSACHUSETTS GENERAL HOSPITAL			
AM00031-01	LINSENMEYER, THOMAS F	BIOSYNTHESIS AND ROLE OF MATRIX IN DEVELOPMENT	K04
INSTITUTION TOTAL	1		
CITY TOTAL	2		

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	AREA OF TRAINING	PROGRAM
MASSACHUSETTS WORCESTER UNIVERSITY OF MASSACHUSETTS SYSTEM--UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL H00048-01	FAY, FREDERIC S	GENERATION AND REGULATION OF FORCE IN SMOOTH MUSCLE	K04
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	3		
MINNESOTA MINNEAPOLIS UNIVERSITY OF MINNESOTA AM0042-01	DESNICK, ROBERT J	THERAPY OF METABOLIC DISEASES	K04
INSTITUTION TOTAL	1		
CITY TOTAL	1		
ROCHESTER MAYO FOUNDATION HL0060-01	GREENLEAF, JAMES F	3-D DISTRIBUTION OF BLOOD FLOW USING RECONSTRUCTION	K04
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	2		
NEW YORK BUFFALO STATE UNIVERSITY OF NEW YORK AT BUFFALO DE0007-01	EMMINGS, FRED G	S. MUTANS SALIVARY ANTIBODY: INDUCTION AND EFFECTS	K04
INSTITUTION TOTAL	1		
CITY TOTAL	1		
NEW YORK POLYTECHNIC INSTITUTE OF NEW YORK HL0062-01	TCONEY, NANCY M	FIBRINOGEN: STRUCTURE AND MOLECULAR INTERACTIONS	K04
INSTITUTION TOTAL	1		

NIH
RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	AREA OF TRAINING	PROGRAM
NEW YORK NEW YORK YESHIVA UNIVERSITY AM00027-01	SHAFRITZ, DAVID A	PROTEIN SYNTHESIS IN NORMAL AND REGENERATING LIVER	K04
INSTITUTION TOTAL 1			
CITY TOTAL 2			
STATE TOTAL 3			
NORTH CAROLINA DURHAM DUKE UNIVERSITY HL00063-01	EVANS, EVAN A	MATERIAL BEHAVIOR AND VIABILITY OF PLASMA MEMBRANES	K04
INSTITUTION TOTAL 1			
CITY TOTAL 1			
STATE TOTAL 1			
PENNSYLVANIA PITTSBURGH UNIVERSITY OF PITTSBURGH HL00003-01	BLAINE, EDWARD H	RELATION OF RENAL ENDOCRINE FUNCTION TO HYPERTENSION	K04
INSTITUTION TOTAL 1			
CITY TOTAL 1			
STATE TOTAL 1			
TENNESSEE NASHVILLE VANDERBILT UNIVERSITY AM00055-01	PUETT, J DAVID	CONADOTROPINS: STRUCTURE, METABOLISM, AND MECHANISMS	K04
INSTITUTION TOTAL 1			
CITY TOTAL 1			
STATE TOTAL 1			
TEXAS HOUSTON BAYLOR COLLEGE OF MEDICINE AM00086-01	MODLIN, HERMAN A, JR	DIGESTION, ABSORPTION, & METABOLISM OF CONJUGATED FOLATE	K04

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH CAREER PROGRAM AWARDS

PROGRAM

AREA OF TRAINING

AWARDEE

GRANT NUMBER

INSTITUTION TOTAL 1
CITY TOTAL 1

STATE TOTAL 1

UTAH
SALT LAKE CITY

UTAH STATE HIGHER EDUCATION SYSTEM--UNIVERSITY OF UTAH
POULTER, CHARLES D

SUBSTRATE ANALOGS FOR TERPENE CONDENSATION REACTIONS

K04

INSTITUTION TOTAL 1
CITY TOTAL 1

STATE TOTAL 1

WASHINGTON
SEATTLE

UNIVERSITY OF WASHINGTON
ANDERSEN, NIELS H

THE MOLECULAR BASIS OF PROSTAGLANDIN BIOCHEMISTRY

K04

INSTITUTION TOTAL 1
CITY TOTAL 1

STATE TOTAL 1

WISCONSIN
MADISON

UNIVERSITY OF WISCONSIN SYSTEM--UNIVERSITY OF WISCONSIN-MADISON
LAGE, GARY L

CARDIAC GLYCOSIDE DISPOSITION AND TOXICITY

K04

INSTITUTION TOTAL 1
CITY TOTAL 1

STATE TOTAL 1

TOTAL 25

NIH
CONSTRUCTION GRANTS

DOLLARS
AWARDED

GRANT NUMBER	AUTHORIZING OFFICIAL	TITLE OF PROPOSAL	
MASSACHUSETTS BOSTON SIDNEY FARRER CANCER CENTER CA17420-01	FREI, EMIL	CANCER FACILITY	4,896,863

4,896,863

INSTITUTION TOTAL	1	4,896,863
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TUFTS UNIVERSITY CA14206-01A1	FISHMAN, WILLIAM H	REMODELING CANCER FACILITY	150,000
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150,000

INSTITUTION TOTAL	1	150,000
CITY TOTAL	2	5,046,863
STATE TOTAL	2	5,046,863
TOTAL	2	5,046,863

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
MEDICAL LIBRARY GRANTS

DOLLARS
AWARDED

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MINNESOTA			
BRECKENRIDGE			
ST. FRANCIS HOSPITAL			
LM02483-01	ENSTROM, PERRY H	MEDICAL LIBRARY RESOURCE IMPROVEMENT SUPPORT	3,113
INSTITUTION TOTAL	1		3,113
CITY TOTAL	1		3,113
STATE TOTAL	1		3,113
SOUTH DAKOTA			
VERMILLION			
UNIVERSITY OF SOUTH DAKOTA			
LM02433-01	BRENNEN, PATRICK W	LIBRARY RECLASSIFICATION AND OUTREACH PROGRAM	33,403
INSTITUTION TOTAL	1		33,403
CITY TOTAL	1		33,403
STATE TOTAL	1		33,403
TOTAL	2		36,516

NIH LIBRARY

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HEALTH, EDUCATION, AND WELFARE
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REPORT 19 M

U.S. DEPARTMENT OF
HEALTH, EDUCATION, AND WELFARE
Public Health Service

U.S. NATIONAL INSTITUTES OF HEALTH

NEW GRANTS AND AWARDS

Arranged by State, City and Institution

Announced During

APRIL 1975

PREPARED BY
NATIONAL INSTITUTES OF HEALTH
DIVISION OF RESEARCH GRANTS
STATISTICS AND ANALYSIS BRANCH

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SYMBOLS USED TO IDENTIFY THE SUPPORTING INSTITUTE OR DIVISION

AG	NATIONAL INSTITUTE ON AGING
AI	NATIONAL INSTITUTE OF ALLERGY AND INFECTIOUS DISEASES
AM	NATIONAL INSTITUTE OF ARTHRITIS, METABOLISM, AND DIGESTIVE DISEASES
CA	NATIONAL CANCER INSTITUTE
CA	DIVISION OF CANCER RESEARCH RESOURCES AND CENTERS
CB	DIVISION OF CANCER BIOLOGY AND DIAGNOSIS
CM	DIVISION OF CANCER TREATMENT
CN	OFFICE OF CANCER CONTROL
CO	OFFICE OF THE DIRECTOR, NCI
CP	DIVISION OF CANCER CAUSE AND PREVENTION
CL	CLINICAL CENTER
CT	DIVISION OF COMPUTER RESEARCH AND TECHNOLOGY
DE	NATIONAL INSTITUTE OF DENTAL RESEARCH
ES	NATIONAL INSTITUTE OF ENVIRONMENTAL HEALTH SCIENCES
EY	NATIONAL EYE INSTITUTE
GM	NATIONAL INSTITUTE OF GENERAL MEDICAL SCIENCES
HD	NATIONAL INSTITUTE OF CHILD HEALTH AND HUMAN DEVELOPMENT
HL	NATIONAL HEART AND LUNG INSTITUTE
HB	DIVISION OF BLOOD DISEASES AND RESOURCES
HI	DIVISION OF INTRAMURAL RESEARCH
HO	OFFICE OF THE DIRECTOR, NHLI
HR	DIVISION OF LUNG DISEASES
HV	DIVISION OF HEART AND VASCULAR DISEASES
JT	JOINT CONTRACT SPONSORSHIP
LM	NATIONAL LIBRARY OF MEDICINE
NS	NATIONAL INSTITUTE OF NEUROLOGICAL DISEASES AND STROKE
OD	OFFICE OF THE DIRECTOR, NIH
RG	DIVISION OF RESEARCH GRANTS
RR	DIVISION OF RESEARCH RESOURCES
RS	DIVISION OF RESEARCH SERVICES
TW	FOGARTY INTERNATIONAL CENTER

GRANTS AND AWARDS ANNOUNCED DURING APRIL

I/D	RESEARCH GRANTS*		RESEARCH CAREER PROGRAM AWARDS		R & D CONTRACTS		TRAINING GRANTS		FELLOWSHIP AWARDS		CONSTRUCTION GRANTS		MEDICAL LIBRARY GRANTS		OTHER AWARDS	
	NUMBER	AMOUNT	NUMBER	AMOUNT	NUMBER	AMOUNT	NUMBER	AMOUNT	NUMBER	AMOUNT	NUMBER	AMOUNT	NUMBER	AMOUNT	NUMBER	AMOUNT
AI	39	1,490,514	7	168,514												
AM	61	2,031,797	2	52,000	1	295,734										
CA	89	3,472,652	5	114,290							1	199,612				
CB																
CM																
CN																
CO																
CP																
DE	61	1,637,347	3	59,750												
ES	10	746,507														
EY	23	750,740														
GM	15	682,052	18	376,090	1	149,486										
HD	37	1,257,833	2	41,250	1	589,950										
HL	81	2,878,490	7	165,157												
HV																
IM	1	5,000			3	123,112										
NS	2	58,261	8	165,000												
OD																
RR	29	1,496,208														
	448	16,507,401	52	1,142,051	37	6,751,703					1	199,612				

*INCLUDES DIRECT COST ONLY FOR NIH RESEARCH GRANTS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
ALABAMA			
BIRMINGHAM			
UNIVERSITY OF ALABAMA IN BIRMINGHAM			
RC0959-01	CASSELL, GAIL H	CONTROL OF RESPIRATORY MYOPLASMOSIS	42,532
CA17273-01	IAMON, EDDIE W	THE IMMUNE RESPONSE TO VIRALLY DETERMINED TUMOR ANTIGENS	38,142
DE04217-01	MC GREE, JERRY R	STUDIES ON EFFECTIVE CARRIES IMMUNITY	57,046
CA16722-01A1	SACHS, GEORGE	CHARACTERISTICS OF COLONIC CANCER MEMBRANES	54,960
CA16877-01A1	SACHS, GEORGE	TRANSPORT CHANGES IN NEOPLASIA	28,365
CA17394-01	WHITE, WILLIAM E, JR	CARCINOGENESIS, MUTAGENESIS, AND PHOTO-LABELING OF DNA	21,980
CA17629-01	YIELDING, K LEMONE	DNA REPAIR MECHANISMS: REGULATION AND CANCER RELEVANCE	45,230
INSTITUTION TOTAL	7	288,255	
CITY TOTAL	7	288,255	

MOBILE			
UNIVERSITY OF SOUTH ALABAMA			
PR05774-01	DONOVAN, ARTHUR J	GENERAL RESEARCH SUPPORT GRANT	49,245
INSTITUTION TOTAL	1	49,245	
CITY TOTAL	1	49,245	

UNIVERSITY			
UNIVERSITY OF ALABAMA			
RR07151-01	BRAMLETT, CHRISTOPHER L	BIOMEDICAL SCIENCES SUPPORT GRANT	22,764
INSTITUTION TOTAL	1	22,764	
CITY TOTAL	1	22,764	
STATE TOTAL	9	360,264	

ARIZONA			
TUCSON			
UNIVERSITY OF ARIZONA			
EY01113-01A2	CUSANOVICH, MICHAEL A	REGENERATION OF THE VISUAL PIGMENT RHODOPSIN	12,261
HL18194-01	PINCKARD, ROBERT N	COMPLEMENT ACTIVATION BY HEART SUBCELLULAR MEMBRANES	40,440
INSTITUTION TOTAL	2	52,701	
CITY TOTAL	2	52,701	
STATE TOTAL	2	52,701	

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
ARKANSAS			
LITTLE ROCK			
UNIVERSITY OF ARKANSAS MEDICAL CENTER			
CA17597-01	MOSS, A J, JR	A SCREENING METHOD FOR MALIGNANCY	37,200
AM17973-01	STEAUB, KARL D	THE EFFECTS OF INSULIN ON THE MEMBRANE NA-K ATP-ASE	23,180
INSTITUTION TOTAL	2		60,380
CITY TOTAL	2		60,380
STATE TOTAL	2		60,380
CALIFORNIA			
BERKELEY			
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT BERKELEY			
HL17937-01	LEFKOVSKY, SAMUEL	OBESITY, ATHEROSCLEROSIS AND ISCHEMIC HEART DISEASE	28,167
INSTITUTION TOTAL	1		28,167
CITY TOTAL	1		28,167
DAVIS			
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT DAVIS			
ES01115-01	GRUENWEDEL, DIETER W	TOXICOLOGY OF MERCURY AT CELLULAR-SUBCELLULAR LEVELS	32,395
HL17998-01	RENKIN, EUGENE M	REGULATORY MECHANISMS IN BLOOD CIRCULATION	40,481
INSTITUTION TOTAL	2		72,866
CITY TOTAL	2		72,866
DOWNNEY			
LOS ANGELES COUNTY HEALTH SERVICES DEPARTMENT--RANCHO LOS AMIGOS HOSPITAL			
HL17532-01	SELVESIER, RONALD H	INFARCT SIZE: ECG, ANGIO, PATH, CORRELATIONS	57,971
INSTITUTION TOTAL	1		57,971
CITY TOTAL	1		57,971
DUARTE			
CITY OF HOPE MEDICAL CENTER			
AM17683-01	DUBUC, PAUL U	CNS REGULATION OF GLUCOSE METABOLISM	21,899
INSTITUTION TOTAL	1		21,899
CITY TOTAL	1		21,899

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH GRANTS *

DOLLARS
AWARDED

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	
CALIFORNIA			
LA JOLLA			
SALK INSTITUTE FOR BIOLOGICAL STUDIES			
CA17096-01	HUNTER, ANTHONY R	MACROMOLECULAR SYNTHESIS AND CELL GROWTH CONTROL	47,030

INSTITUTION TOTAL	1	47,030	
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT SAN DIEGO			
HL18259-01	PRINTZ, MORTON P	CONTROLLED INTRATISSUE RELEASE OF PROSTAGLANDINS	32,074
AM18477-01	ROSENFELD, MICHAEL G	CAMP AND HORMONAL REGULATION OF PROTEIN SYNTHESIS	36,705

INSTITUTION TOTAL	2	68,779	
CITY TOTAL	3	115,809	

LOS ANGELES			
CALIFORNIA STATE UNIVERSITY AND COLLEGES--CALIFORNIA STATE UNIVERSITY, LOS ANGELES			
RR07152-01	PEGGUSON, LLOYD N	BIO MEDICAL SCIENCES SUPPORT GRANT	23,145

INSTITUTION TOTAL	1	23,145	
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT LOS ANGELES			
CA17514-01	FOX, CHARLES F	CELL SURFACE RECEPTORS	4,318
EY01507-01	PELPHS, DALE I	ALPHA-TOCOPHEROL IN RETINAL OXYGEN TOXICITY	32,844
AI12787-01	PICKETT, M JCHN	THE IMMUNE RESPONSE IN EXPERIMENTAL CHOLERA	20,191
HD08575-01	VUWILLER, ARTHUR	DEVELOPMENTAL EFFECTS OF NEONATAL CORTISOL TREATMENT	21,316

INSTITUTION TOTAL	4	78,669	
UNIVERSITY OF SOUTHERN CALIFORNIA			
CA17687-01	BEIERLE, JOHN W	WILM'S TUMOR ANTIGENS	23,780
DE04031-01	BEKHOP, ISAAC	CHROMATIN-GLUCOCORTICOID INFLUENCES IN CLEFT PALATE	33,850
CA17358-01	GOODMAN, MYRON F	CARDIOTOXICITY IN CANCER TREATMENT: A MOLECULAR STUDY	54,330
CA16113-01A1	LAI, MICHAEL M	STRUCTURE AND ORGANIZATION OF RNA TUMOR VIRUSES	43,510
AM18467-01	MARSH, DONALD J	MECHANISM OF OSCILLATORY GLUCOSE AND INSULIN DYNAMICS	46,044
HL18283-01	SLAVIN, BERNARD S	DISTRIBUTION OF ADRENERGIC NERVES IN ADIPOSE TISSUE	30,703
DE04074-01	SOFGENT, NINO	ROLE OF VASCULARIZATION DURING CRANIOFACIAL DEVELOPMENT	36,525

INSTITUTION TOTAL	7	268,802	
CITY TOTAL	12	370,616	

MENLO PARK			
STANFORD RESEARCH INSTITUTE			
DE03997-01A1	ANBAR, MICHAEL	PREVENTION OF CARRIES AND PLAQUE BY POLYPHOSPHONATES	38,133

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CALIFORNIA			
MENLO PARK			
STANFORD RESEARCH INSTITUTE			
EY01579-01	BARON, WILLIAM S	PHOTORECEPTOR INFORMATION PROCESSING IN PRIMATES	56,348
H008647-01A1	CONNELL, CAROLYN J	THE EFFECT OF HCG ON SEROLI CELLS	29,716
CA16487-01	HENRY, DAVID W	SYNTHETIC ANTITUMOR ANALOGS--ALPHA-DEOXYRIBIOGUANOSINE	29,592

INSTITUTION TOTAL	4	153,789
CITY TOTAL	4	153,789

SAN FRANCISCO			
INSTITUTES OF MEDICAL SCIENCES			
HL17194-01A1	GLASER, CHARLES B	COMPARISON OF TWO INHERITED FORMS OF ALPHA-1-ANTITRYPSIN	34,123
EY01582-01	NARAYAMA, KEN	THREE-DIMENSIONAL EYE ROTATION MEASUREMENTS: STRABISMUS	25,933

INSTITUTION TOTAL	2	60,056
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UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT SAN FRANCISCO			
DE04203-01	CHAMBERS, DONALD A	MOLECULAR MEDIATORS OF ORAL DISEASE	46,300
AI12481-01	EPSTEIN, LOIS B	INTERFERON AS A MEDIATOR OF CELLULAR IMMUNITY	53,358
H008257-01A1	ERICKSON, ROBERT P	CELLULAR AND HUMORAL IMMUNITY WITH MURINE SPERMATOZOEA	30,000
EY01164-01	GOLDSTEIN, GARY W	METABOLIC ACTIVITY OF CAPILLARIES	43,347
AM17576-01	JORGENSEN, EUGENE C	THYROID HORMONE ANALOGS	38,150
EY01586-01	KOPENBROT, JUAN I	RHODOPSIN AND TRANSDUCTION IN ROD PHOTORECEPTORS	56,474
AM18220-01	MC DCNAGH, ANTCNY F	MECHANISMS OF HEME AND BILIRUBIN DEGRADATION	44,931
RR00953-01	SPINELLI, JOSEPH S	ANIMAL RESOURCE IMPROVEMENTS	198,591

INSTITUTION TOTAL	8	511,151
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UNIVERSITY OF THE PACIFIC			
DE04241-01	ROBERTS, W EUGENE	CELL KINETICS OF ORTHODONTICALLY INDUCED OSTEOGENESIS	10,000

INSTITUTION TOTAL	1	10,000
CITY TOTAL	11	581,207

SAN JOSE			
SANTA CLARA VALLEY MEDICAL CENTER			
RR05768-01	COX, ROBERT S, JR	GENERAL RESEARCH SUPPORT GRANT	29,210

INSTITUTION TOTAL	1	29,210
CITY TOTAL	1	29,210

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CALIFORNIA			
SANTA BARBARA			
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT SANTA BARBARA			
HD09076-01	JOHNSON, M BRUCE	DIVOPCE: AN ECONOMIC APPROACH	
AT12520-01	SAMUEL, CHARLES E	MECHANISM OF INTERFERON ACTION	
INSTITUTION TOTAL	2	63,924	13,146
CITY TOTAL	2	63,924	50,778
SANTA CRUZ			
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT SANTA CRUZ			
EY01482-01A1	BRIDGEMAN, BRUCE	TEMPORAL CODING AND PROCESSING IN MONKEY VISUAL CORTEX	
INSTITUTION TOTAL	1	21,452	21,452
CITY TOTAL	1	21,452	
SANTA MONICA			
RAND CORPORATION			
HD09093-01	DE TRAY, DENNIS N	ECONOMIC-DEMOGRAPHIC FACTORS IN U.S. FERTILITY TRENDS	
HD09142-01	MORRISON, PETER A	DETERMINANTS AND IMPLICATIONS OF RETURN MIGRATION	
INSTITUTION TOTAL	2	103,615	69,110
CITY TOTAL	2	103,615	34,505
STANFORD			
STANFORD UNIVERSITY			
AM18376-01	HAYES, WILSON C	MECHANICS OF NORMAL, ARTHRITIC AND PROSTHETIC KNEES	
EY01518-01	HUDSON, BRUCE S	ELECTRONIC STRUCTURE OF THE VISUAL POLYENES	
CA17721-01	KORN, DAVID	CONFERENCE ON EUKARYOTIC DNA POLYMERASES	
HD09091-01	PITTENDRIGH, COLIN S	CIRCADIAN ORGANIZATION AND THE AGING PROCESS	
HL18219-01	SIMONI, ROBERT D	REGULATION OF CHOLESTEROL METABOLISM	
CA17287-01	STARK, GEORGE R	ASPECTS OF CONTROL IN MAMMALIAN GENE EXPRESSION	
INSTITUTION TOTAL	6	280,037	122,660
CITY TOTAL	6	280,037	
TORRANCE			
LOS ANGELES COUNTY HEALTH SERVICES DEPARTMENT--LOS ANGELES COUNTY HARBOR GENERAL HOSPITAL			
AM18316-01	BEALI, GILDON N	MECHANISMS OF THYROID STIMULATION IN GRAVES' DISEASE	
AM18186-01	BRAY, GEORGE A	LONG TERM CONTROL OF BODY WEIGHT	
INSTITUTION TOTAL	2	66,903	44,053
CITY TOTAL	2	66,903	22,850

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH GRANTS *

DOLLARS
AWARDED

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
STATE TOTAL	49	1,967,465	
 COLORADO			
DENVER			
DENVER HEALTH AND HOSPITALS DEPARTMENT--DENVER GENERAL HOSPITAL			
CA17501-01	SHARMA, BRAHMA S	IN VITRO IMMUNIZATION TO HUMAN TUMOR CELLS	23,771
INSTITUTION TOTAL	1	23,771	
 UNIVERSITY OF COLORADO MEDICAL CENTER			
AM17646-01A1	BURKE, THOMAS J	SERUM CALCIUM AND RENAL AUTOREGULATORY EFFICIENCY	50,824
HL18097-01	CONGER, JOHN D	PATHOGENESIS OF ACUTE RENAL FAILURE	34,771
DE04239-01	FABST, MICHAEL J	BIOSYNTHESIS OF LEVAN BY ACTINOMYCES VISCOSUS	10,000
INSTITUTION TOTAL	3	95,595	
CITY TOTAL	4	110,366	
 PORT COLLINS			
COLORADO STATE UNIVERSITY			
HL18191-01	WILL, DONALD H	ANIMAL MODELS OF HYPOXIC PULMONARY HYPERTENSION	35,785
INSTITUTION TOTAL	1	35,785	
CITY TOTAL	1	35,785	
STATE TOTAL	5	155,151	
 CONNECTICUT			
FARMINGTON			
UNIVERSITY OF CONNECTICUT HEALTH CENTER			
HL16872-01	HOVER, LECN W	ANTHEMOPHILIC FACTOR	67,112
DE03198-01	NANDA, RAVINDRA	ANTERIOR DISPLACEMENT OF MAXILLA BY CONTROLLED FORCES	8,800
ES01106-01	OLIVER, JANET M	ACTION OF CARBAMATE HERBICIDES IN MAMMALIAN CELLS	30,710
AM17848-01	RODAN, GIDEON A	PARATHYROID BIOASSAY BASED ON CAMP IN CELL SUSPENSION	32,676
DE03715-01A1	ROSSOMANDO, EDWARD F	CELLULAR MIGRATION AND FACIAL DEVELOPMENT	18,270
HL18317-01	SHEETZ, MICHAEL P	ACTIN BINDING PROTEIN OF HUMAN ERYTHROCYTE MEMBRANES	41,278
DE03891-01A1	VENHAM, LARRY L	CHILDREN'S RESPONSE TO DENTAL TREATMENT	9,500
INSTITUTION TOTAL	7	208,346	
CITY TOTAL	7	208,346	
 NEW HAVEN			
YALE UNIVERSITY			
AI12577-01	CONF, ROBERT E	MOLECULAR CHARACTERISTICS OF LYMPHOCYTE MEMBRANES	36,743

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CONNECTICUT			
NEW HAVEN			
YALE UNIVERSITY			
GM22256-01	ENGELMAN, DONALD M	MOLECULAR STRUCTURE OF BIOLOGICAL MEMBRANES	29,500
HL16285-01A2	FINCH, STUART C	BEHAVIOR OF HUMAN SICKLE CELLS IN AN ANIMAL MODEL	50,212
KR00945-01	JACOBY, ROBERT O	TRANSMISSIBLE ATYPICAL ILEAL HYPERPLASIA	45,967
HD09073-01	KESSEN, WILLIAM	STIMULUS SENSITIVITY OF OBESE-TENDING INFANTS	15,822
CA17019-01	PRUSOFF, WILLIAM H	POTENTIAL ANTICANCER AND ANTIVIRAL DISUBSTRATE ANALOGS	32,424
AI12670-01	SCOTT, ALASTAIR I	BROAD-SPECTRUM AND ANTI-TUMOR ANTIBIOTICS--BIOSYNTHESIS	62,066
INSTITUTION TOTAL	7	272,734	
CITY TOTAL	7	272,734	
STORRS			
UNIVERSITY OF CONNECTICUT			
RR05743-01	SCHWARTING, ARTHUR E	GENERAL RESEARCH SUPPORT GRANT	22,912
INSTITUTION TOTAL	1	22,912	
CITY TOTAL	1	22,912	
STATE TOTAL	15	503,992	
DIST OF COL			
WASHINGTON			
GEORGETOWN UNIVERSITY			
DE04201-01	GABRIEL, OTHMAR	ACTINOMYCETES: MODEL STUDIES ON DENTAL PLAQUE FORMATION	25,776
AI12388-01	SAZ, ARTHUR K	STUDY OF ANTIBIOTIC RESISTANCE IN N. GONORRHOEA	31,800
INSTITUTION TOTAL	2	57,576	
GORGAS MEMORIAL INSTITUTE OF TROPICAL AND PREVENTIVE MEDICINE			
RR05769-01	MILLAP, JACK W	GENERAL RESEARCH SUPPORT GRANT	37,573
INSTITUTION TOTAL	1	37,573	
CITY TOTAL	3	95,149	
STATE TOTAL	3	95,149	
FLORIDA			
GAINESVILLE			
STATE UNIVERSITY OF FLORIDA SYSTEM--UNIVERSITY OF FLORIDA			
CA17584-01	CHIOU, C Y	INHIBITION AND CYTOLYSIS OF NEUROBLASTOMA CELLS	17,415

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
FLORIDA			
GAINESVILLE			
STATE UNIVERSITY OF	FLORIDA SYSTEM--UNIVERSITY OF FLORIDA		
RR0557-3-01	FINGER, KENNETH F	GENERAL RESEARCH SUPPORT GRANT	40,365
HL17338-01	JAEGER, MARC J	UNEVEN VENTILATION IN BODY PLETHYSMOGRAPHY	16,900
CA17662-01	LAIPIIS, PHILIP J	DNA POLYMERASES OF SV40 INFECTED OR TRANSFORMED CELLS	36,836
DE04064-01A1	OLSON, GERALD A	ADHERENCE AND ITS INHIBITION IN STREPTOCOCCUS MUTANS	20,305
INSTITUTION TOTAL	5	131,821	
CITY TOTAL	5	131,821	
MIAMI			
UNIVERSITY OF MIAMI			
CA17544-01	HAINES, HAROLD G	REPRESSION OF HERPES SIMPLEX VIRUS-2 REPLICATION	46,800
AM18512-01	LEE, ERNEST Y	PHOSPHOPROTEIN PHOSPHATASES: PROPERTIES AND REGULATION	46,552
DE04165-01	MORHART, ROBERT E	BACTERIOCINS AS POTENTIAL CARRIERS CONTROL AGENTS	10,000
INSTITUTION TOTAL	3	103,352	
CITY TOTAL	3	103,352	
TALLAHASSEE			
STATE UNIVERSITY OF	FLORIDA SYSTEM--FLORIDA STATE UNIVERSITY		
GM21126-01A2	RILL, RANDOLPH L	CHARACTERIZATION OF CHROMATIN SUBUNITS	30,520
INSTITUTION TOTAL	1	30,520	
CITY TOTAL	1	30,520	
TAMPA			
STATE UNIVERSITY OF	FLORIDA SYSTEM--UNIVERSITY OF SOUTH FLORIDA		
HL18094-01	NESS, GENE C	HORMONE REGULATION OF CHOLESTEROL METABOLISM IN AGING	23,349
AM18608-01	POLLET, ROBERT J	CHARACTERIZATION OF INSULIN RECEPTOR OF HUMAN LYMPHOCYTE	43,506
CA14762-01A1	WILKINSON, DAVID S	CYTOTOXICITY AND RIBOSOMAL RNA MATURATION	20,890
INSTITUTION TOTAL	3	87,745	
CITY TOTAL	3	87,745	
STATE TOTAL	12	353,438	
GEORGIA			
ATHENS			
UNIVERSITY SYSTEM OF	GEORGIA--UNIVERSITY OF GEORGIA		
GM22050-01	GLIES, NORMAN H	IN VIVO AND IN VITRO GENETIC REGULATORY MECHANISMS	32,516
INSTITUTION TOTAL	1	32,516	

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NIH
RESEARCH GRANTS *

DOLLARS
AWARDED

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CITY TOTAL	1	32,516	
GEORGIA			
ATLANTA			
EMORY UNIVERSITY			
ES01101-01	SMITH, P DENNIS	ENVIRONMENTAL MUTAGENESIS AND DNA REPAIR	21,096
INSTITUTION TOTAL	1	21,096	
UNIVERSITY SYSTEM OF GEORGIA--GEORGIA STATE UNIVERSITY			
AI12540-01	CHERNIAK, ROBERT	THE COMMON ANTIGEN OF CLOSTRIDIUM PERFRINGENS	7,358
INSTITUTION TOTAL	1	7,358	
CITY TOTAL	2	28,454	
AUGUSTA			
UNIVERSITY SYSTEM OF GEORGIA--MEDICAL COLLEGE OF GEORGIA			
EX01590-01	BIGGER, JOHN F	MARIJUANA AND GLAUCOMA	22,600
CA17565-01	BRESNICK, EDWARD	POLYCYCLIC HYDROCARBON METABOLISM AND CARCINOGENESIS	51,205
DE04252-01	FAIRHURST, CARL W	BONDING OF PORCELAIN TO SEMI- AND NON-PRECIOUS METALS	43,407
AM18406-01	FELDMAN, ELAINE B	X-IRRADIATION, BILE SALTS AND INTESTINAL TRANSPORT	31,254
CA17167-01	HALL, MARK R	ROLE OF HISTONES IN ONCOGENIC DNA VIRUS REPLICATION	30,600
CA13634-01A1	HOWARD, EUGENE F	LOW MOLECULAR WEIGHT NUCLEAR RNA	22,520
HL18063-01	MATHENY, JAMES L	ADRENERGIC RECEPTOR INTERCONVERSION IN HYPERTENSION	5,500
AM18424-01	MATHENY, JAMES L	ADRENERGIC RECEPTOR INTERCONVERSION IN THYROID DYSFUNCTION	2,025
DE04262-01	OKABE, TORU	AMALGAMATION KINETICS ON AG-SN (+X) ALLOYS	38,975
INSTITUTION TOTAL	9	248,085	
CITY TOTAL	9	248,086	
STATE TOTAL	12	309,056	
HAWAII			
HONOLULU			
U.S. CENTER FOR CULTURAL AND TECHNICAL INTERCHANGE BETWEEN EAST AND WEST			
HD09051-01	PALMORE, JAMES A, JR	AGGRESSION ESTIMATION OF FERTILITY RATES	23,368
INSTITUTION TOTAL	1	23,368	
CITY TOTAL	1	23,368	
STATE TOTAL	1	23,368	

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
ILLINOIS CHICAGO AMERICAN COLLEGE OF RADIOLOGY CA17527-01	WIZENBERG, MORRIS J	CONFERENCE ON CANCER THERAPY BY RADIATION & HYPERHERMIA	29,229
INSTITUTION TOTAL	1		29,223
AMERICAN DENTAL ASSOCIATION DE04058-01	MABIE, CURTIS F	DENTAL PORCELAIN IMPROVEMENT WITH INORGANIC POLYMERS	12,600
INSTITUTION TOTAL	1		12,600
IIT RESEARCH INSTITUTE EP05744-01	EHRICH, RICHARD	GENERAL RESEARCH SUPPORT GRANT	47,452
INSTITUTION TOTAL	1		47,452
NORTHWESTERN UNIVERSITY NS12317-01 DE04000-01 HD09108-01	DISTERHOFT, JOHN F MARSHALL, GRAYSON W, JR TEISER, ALVIN S	AUDITORY NEUROPSYCHOLOGY REPLICA-SEM STUDIES OF IN VIVO DENTAL MORPHOLOGIES FLAGELLAR REGENERATION IN CHLAMYDOMONAS REINHARDII	31,810 7,500 32,219
INSTITUTION TOTAL	3		71,529
RUSH-PRESBYTERIAN-SI. LUKE'S MEDICAL CENTER HL17973-01	BOCUSE, FRANCOIS M	CHARACTERIZATION OF CULTURED AORTIC ENDOTHELIAL CELLS	45,160
INSTITUTION TOTAL	1		45,160
UNIVERSITY OF CHICAGO GM22199-01 HL17296-01 AM18392-01 AI12497-01	A3ARWAL, KAN L BORENSZIAJN, JAYNE COULTER, CHARLES L MARTIN, WILLIAM R	NUCLEIC ACID-PROTEIN INTERACTIONS HEART LIPOPROTEIN LIPASE AND HYPERTRIGLYCERIDEMIAS PANCREATIC HORMONES: STRUCTURE AND FUNCTION BIOCHEMICAL ANALYSIS OF ADULT S. JAPONICUM EXO ANTIGENS	40,487 34,844 25,623 26,107
INSTITUTION TOTAL	4		127,061
UNIVERSITY OF ILLINOIS SYSTEM--UNIVERSITY OF ILLINOIS AT THE MEDICAL CENTER HI18032-01 DE04164-01 HL18179-01	LAZARUS, MARLENE L MUHL, ZANE F SCHLISELFEID, LOUIS H	DEVELOPMENT OF NORMAL AND MYOPATHIC MAMMALIAN HEART FUNCTIONAL PROPERTIES OF MAMMALIAN MASTICATORY MUSCLE HEART, PLATELET, AND MUSCLE MYOSINS AND ACTOMYOSINS	42,115 9,957 26,134
INSTITUTION TOTAL	3		78,206
CITY TOTAL	14		411,237

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
ILLINOIS DE KALB NORTHERN ILLINOIS UNIVERSITY CA17043-01	KEVILL, DENNIS N	ADAMANTYL TRIAZOLES: POTENTIAL ANTINEOPLASTIC AGENTS	9,090
INSTITUTION TOTAL	1		9,090
CITY TOTAL	1		9,090
URBANA UNIVERSITY OF ILLINOIS SYSTEM--UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN AI12559-01 CA17695-01	GABRIDGE, MICHAEL G WONG, PAUL K	MECHANISM OF PATHOGENESIS IN MYCOPLASMA PNEUMONIAE GENETIC STUDIES OF MURINE LEUKEMIA VIRUSES	22,705 29,631
INSTITUTION TOTAL	2		52,336
CITY TOTAL	2		52,336
STATE TOTAL	17		472,663
INDIANA INDIANAPOLIS INDIANA UNIVERSITY SYSTEM--INDIANA UNIVERSITY AT INDIANAPOLIS DE04103-01	KATZ, SIMON	MODIFIED OAT HULLS: CARIOSTATIC AND NUTRITIONAL VALUE	27,724
INSTITUTION TOTAL	1		27,724
CITY TOTAL	1		27,724
NOTRE DAME UNIVERSITY OF NOTRE DAME CA14764-01A1 CA17559-01 AI12593-01	BASU, SUBHASH C FOLLARD, MORRIS WOSTMANN, BERNARD S	GLYCOLIPID METABOLISM IN TUMOR AND TRANSFORMED CELLS INVESTIGATIONS ON PROSTATE ADENOCARCINOMAS IN RATS ANTIBIOTICS: EFFECTS ON BILE ACIDS AND CHOLESTEROL	40,500 40,000 29,364
INSTITUTION TOTAL	3		109,864
CITY TOTAL	3		109,864
STATE TOTAL	4		137,568
IOWA IOWA CITY UNIVERSITY OF IOWA 3N22471-01	BEAMS, H W	EFFECTS OF ULTRACENTRIFUGATION ON BACTERIA	15,000

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DOLLARS
AWARDED

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	
IOWA CITY			
UNIVERSITY OF IOWA			
HL18083-01	ECKREERG, DWAIN L	BARORECEPTOR REFLEX MECHANISMS IN MAN	29,135
CA18014-01	LUBAPOFF, DAVID M	IMMUNOLOGIC ASPECTS OF PROSTATIC CANCER	26,144
DE04219-01	NUKI, KLAUS	BLOOD VESSEL RESPONSE IN EARLY PERIODONTAL DISEASES	44,131
GM22271-01	RANDLES, RONALD H	ADAPTIVE DISCRIMINANT ANALYSIS FOR MEDICAL DECISIONS	55,158
AM16439-01	THOMPSON, ROBERT S	HORMONE INTEGRATED CONCENTRATIONS IN DIABETES	29,404
INSTITUTION TOTAL	6		198,972
CITY TOTAL	6		198,972
MCUNT VEFNON			
CORNELL COLLEGE			
DE04192-01	JORDAN, TRUMAN H	SNF2 REACTION WITH APATITE AND OTHER CA/PO4 SYSTEMS	8,600
INSTITUTION TOTAL	1		8,600
CITY TOTAL	1		8,600
STATE TOTAL	7		207,572
KANSAS			
LAWRENCE			
UNIVERSITY OF KANSAS			
CA16423-01A1	HERTES, MATHIAS P	CANCER CHEMOTHERAPY: CONTROL OF GENE EXPRESSION	26,025
INSTITUTION TOTAL	1		26,025
CITY TOTAL	1		26,025
MANHATTAN			
KANSAS STATE UNIVERSITY OF AGRICULTURE AND APPLIED SCIENCE			
CA17247-01	DOEZEMA, PHILIP	MELANOSOME ANTIGENS: ROLE IN AUTOIMMUNITY TO MELANOMA	23,995
INSTITUTION TOTAL	1		23,995
CITY TOTAL	1		23,995
STATE TOTAL	2		50,020
KENTUCKY			
LEXINGTON			
UNIVERSITY OF KENTUCKY			
CA17047-01	HURLEY, LAURENCE H	BIOSYNTHESIS AND MODE OF ACTION OF ANTHRAMYCIN	35,258
INSTITUTION TOTAL	1		35,258

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CITY TOTAL	1	35,258	
KENTUCKY			
LOUISVILLE			
UNIVERSITY OF LOUISVILLE			
EY01228-01A1	HOPE, GEORGE M	COLD LIMITS ON PHOTORECEPTOR VIABILITY AND FUNCTION	24,475
INSTITUTION TOTAL	1	24,475	
CITY TOTAL	1	24,475	
STATE TOTAL	2	59,733	
LOUISIANA			
NEW ORLEANS			
TULANE UNIVERSITY			
AI12511-01	AYALA, STEPHEN C	MALARIA PARASITES OF REPTILE POPULATIONS	14,350
INSTITUTION TOTAL	1	14,350	
CITY TOTAL	1	14,350	
STATE TOTAL	1	14,350	
MAINE			
BAR HARBOR			
JACKSON LABORATORY			
GB21469-01A1	SPOTT, RICHARD L	NEUROCHEMICAL CORRELATES OF AVOIDANCE BEHAVIOR	36,596
INSTITUTION TOTAL	1	36,596	
CITY TOTAL	1	36,596	
ELIOT			
SOCIETY FOR DEVELOPMENTAL BIOLOGY			
CA18042-01	BROWN, DONALD D	SYMPOSIUM: MOLECULAR BIOLOGY OF HORMONE ACTION	4,664
INSTITUTION TOTAL	1	4,664	
CITY TOTAL	1	4,664	
SALSBURY COVE			
MOUNT DESERT ISLAND BIOLOGICAL LABORATORY			
RR05764-01	MURDAUGH, H V, JR	GENERAL RESEARCH SUPPORT GRANT	30,336
INSTITUTION TOTAL	1	30,336	

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NIH
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DOLLARS
AWARDED

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CITY TOTAL	1	30,336	
STATE TOTAL	3	71,596	
MARYLAND			
BALTIMORE			
JOHNS HOPKINS UNIVERSITY	CHEN, CHUNG-HO	BIOCHEMICAL STUDIES OF PROLIFERATIVE RETINOPATHIES	58,272
EY01399-01A1	HARPER, ALAN H	CIRCULATORY EFFECTS OF OPERANT CARDIOVASCULAR CONTROL	59,010
HL17958-01	KOREEDA, MASATO	CHEMICAL STUDIES ON INSECT MOLTING HORMONES	31,828
AI12150-01A1	MAIANOSKI, GENEVIEVE M	BLADDER CANCER AFTER BENZIDINE EXPOSURE	85,394
CA16753-01	NATHANSON, CONSTANCE A	ORGANIZATION AND PRACTICE OF ABORTION IN MARYLAND	44,652
HD09269-01	PARAKH, INDU	ESCHERICHIA COLI TOXINS, PURIFICATION & PROPERTIES	44,326
AI12665-01	ROLLEY, RONALD T	IMMUNOLOGICAL ANALYSES OF RENAL TRANSPLANT PATIENTS	29,900
AM18267-01	SANTOS, GEORGE W	EFFECTS OF SEA STAR FACTOR ON TUMOR IMMUNITY AND SVHR	55,000
CA17184-01	SYKES, ZENAS M, JR	DYNAMICS OF POPULATIONS WITH CHANGING VITAL RATES	23,397
HD08959-01	TSCNS, TIAN Y	DYNAMICS OF ARTIFICIAL AND BIOLOGICAL MEMBRANES	40,718
HL18048-01			
INSTITUTION TOTAL	10	472,497	
MASSACHUSETTS			
AMHERST			
UNIVERSITY OF MASSACHUSETTS SYSTEM--UNIVERSITY OF MASSACHUSETTS AT AMHERST	FAULKNER, WILLIAM A, JR	INHIBITION OF F.POLYMEROPHUM HA BY HUMAN GAMMAGLOBULIN	9,895
DE04161-01	KINNARD, WILLIAM J, JR	GENERAL RESEARCH SUPPORT GRANT	16,509
RR05770-01	OZAND, PINAR I	BIOCHEMISTRY OF ALANINE RELEASE FROM MUSCLE	30,650
AM18127-01			
INSTITUTION TOTAL	3	57,054	
CITY TOTAL	13	529,551	
STATE TOTAL	13	529,551	
MASSACHUSETTS			
AMHERST			
UNIVERSITY OF MASSACHUSETTS SYSTEM--UNIVERSITY OF MASSACHUSETTS AT AMHERST	CANALE-PAFOLA, ERCOLE	SPIROCHETES INDIGENOUS TO HUMANS	36,450
AI12482-01	MARCUM, JAMES B	EXPERIMENTAL INDUCTION OF FREEMARTINISM IN THE EWE	21,820
HD08534-01			
INSTITUTION TOTAL	2	58,270	
CITY TOTAL	2	58,270	
BOSTON			
BOSTON UNIVERSITY	ARMSTRONG, ROBERT B	LOCOMOTION IDLING METABOLISM & GAIT DYNAMICS	51,398
AM18123-01			

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RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MASSACHUSETTS BOSTON BOSTON UNIVERSITY HL18186-01 HL17403-01 HD09630-01	BENNETT, MICHAEL LIANG, CHANG-SENG PARLEE, MARY B	CARDIAC ALLOGRAFTS IN AUTOLOGOUS RADIATION CHIMERAS METABOLIC CONTROL OF CARDIAC OUTPUT SIGNIFICANCE OF MENSTRUATION FOR ADOLESCENT FEMALES	37,500 32,875 28,246
INSTITUTION TOTAL	4		150,019
CHILDREN'S HOSPITAL EY01451-01	ROBB, RICHARD M	HISTOCHEMISTRY OF PHOSPHODIESTERASE IN THE RETINA	53,545
INSTITUTION TOTAL	1		53,545
FORSYTH DENTAL CENTER DE03917-01A1 DE03992-01 DE04230-01	KASHKET, SHELBY LEES, SIDNEY SKOBE, ZIEDONIS	FLUORIDE AND THE METABOLISM OF PLAQUE BACTERIA MINERALIZATION DYNAMICS STUDY BY ULTRASOUND COMPARATIVE ULTRASTRUCTURE OF MAMMALIAN AMEIOGENESIS	25,155 58,779 33,115
INSTITUTION TOTAL	3		117,049
HARVARD UNIVERSITY AM18243-01 AT12500-01 HL18148-01 DE04027-01 3M22203-01	BEUWKES, REINIER, III MURPHY, JOHN R PERLMAN, ROBERT L SHAW, JAMES H WARD, SAMUEL	ELECTRONPROBE STUDIES OF THE RENAL MEDULLA VIRULENCE FACTORS OF CORYNEBACTERIUM DIPHTHERIAE STUDIES ON ADRENAL CATECHOLAMINE SECRETION MODIFICATION OF CARRIES POTENTIAL OF HUMAN FOODS GENETIC SPECIFICATION OF NEURAL STRUCTURE	36,163 15,480 37,065 32,299 71,223
INSTITUTION TOTAL	5		192,230
MASSACHUSETTS GENERAL HOSPITAL CA17393-01 CA17758-01 DE04220-01 AM18230-01 CA17800-01 CA17137-01	DONAHOE, PATRICIA K PLATE, JANET M TOOLE, BRYAN P WEIR, GORDON C WINN, HENRY J YOUNG, DAVID M	MULLERIAN INHIBITING SUBSTANCE IMMUNOLOGICAL EFFECTS ON TUMOR GROWTH & REJECTION MORPHOGENETIC ROLE OF GLYCOSAMINOGLYCAN MECHANISMS OF PANCREATIC GLUCAGON SECRETION STUDIES IN TUMOR IMMUNOLOGY NERVE GROWTH FACTOR FUNCTION & SECRETION BY CANCER CELLS	42,153 59,438 47,602 33,906 88,113 64,961
INSTITUTION TOTAL	6		336,173
NORTHERN UNIVERSITY EY01570-01	CORWIN, THOMAS R	SURROUND FIELDS AND TEMPORAL BRIGHTNESS ENHANCEMENT	18,790
INSTITUTION TOTAL	1		18,790

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MASSACHUSETTS BOSTON			
PETER BEN ^T BRIGHAM HOSPITAL CA17505-01	TRIER, JERRY S	METABOLISM AND CELL RENEWAL OF COLON PRECANCER & CANCER	48,834
INSTITUTION TOTAL	1		
ROBERT B. BRIGHAM HOSPITAL BR00972-01	BROAS, DONALD S	ANIMAL CARE EQUIPMENT WASHING SYSTEM	21,730
INSTITUTION TOTAL	1		
TUFTS UNIVERSITY CA17220-01	LESKOWITZ, SIDNEY	MECHANISMS OF IMMUNOLOGIC INJURY TO TUMORS	41,800
INSTITUTION TOTAL	1		
CITY TOTAL	23		980,170
CAMBRIDGE HARVARD UNIVERSITY EY01455-01A1 A112604-01	MANSFIELD, RICHARD J WILLIAMS, CARROLL M	CENTRAL NEURAL MECHANISMS IN VISION NEW STRATEGIES IN THE SELECTIVE CONTROL OF INSECTS	24,421 61,695
INSTITUTION TOTAL	2		86,116
MASSACHUSETTS INSTITUTE OF TECHNOLOGY CA17007-01 HD09228-01 HD08109-01A1 EY01491-01 HD09041-01 EY01463-01A1 CA17537-01	HYNES, RICHARD O POLLITT, ERNESTO POLLITT, ERNESTO RICHARDS, WHITMAN A SAMUELSON, PAUL A STANLEY, EUGENE, II WEINBERG, ROBERT A	ROLE OF CELL SURFACE PROTEINS IN GROWTH CONTROL BEHAVIORAL EFFECTS OF IRON DEFICIENCY INFANT AND MATERNAL BEHAVIORS REGULATING EARLY GROWTH BREEDING ANOPHTHALMIC ANIMALS NON-LINEAR AND STOCHASTIC POPULATION ANALYSIS NORMAL AND ABNORMAL MECHANISMS OF VISION CHARACTERIZATION OF THE PROVIRAL DNA OF MURINE LEUKEMIA VIRUS	42,993 95,394 29,976 4,983 27,280 22,408 19,572
INSTITUTION TOTAL	7		242,606
CITY TOTAL	9		328,722
WILLIAMSTOWN WILLIAMS COLLEGE HD08585-01	DRICKAMER, LEE C	FACTORS AFFECTING SEXUAL MATURATION IN MAMMALS	17,340
INSTITUTION TOTAL	1		17,340
CITY TOTAL	1		17,340

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AWARDED

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MASSACHUSETTS WORCESTER ST. VINCENT HOSPITAL RR05660-01	DRISCOLL, WALTER G	GENERAL RESEARCH SUPPORT GRANT	49,202

INSTITUTION TOTAL	1	49,202
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UNIVERSITY OF MASSACHUSETTS SYSTEM--UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AM17352-01 FLATT, JEAN-PIERRE HL17752-01 PECHET, LIBERTÉ	STUDY ON THE CONTROL OF LIPOGENESIS IN ADIPOSE TISSUE PURIFIED HUMAN CLOTTING FACTOR IX: IMMUNOLOGIC STUDIES	23,790 15,912
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INSTITUTION TOTAL	2	39,702
CITY TOTAL	3	88,904
STATE TOTAL	38	1,473,406

MICHIGAN ANN ARBOR UNIVERSITY OF MICHIGAN RR00940-01 COHEN, BENNETT J HD08150-01A1 CONNELLY, THOMAS G DE04050-01 CRAIG, ROBERT G HD09126-01 MC DONOUGH, PETER J DE04227-01 MC NAMARA, JAMES A, JR AI12153-01A1 NIEDERHUBER, JOHN E AI16041-01A1 PRATT, WILLIAM B AI12625-01 SHAFFER, JULES A HL17351-01 WEIDLER, DONALD J	ANIMAL RESOURCE IMPROVEMENTS EPIS-LENS METAPLASIA IN VITRO: ROLE OF THE PITUITARY HYDROPHOBIC FLUORINE-CONTAINING RESTORATIVE POLYMERS ELITE AND MASS PREFERENCES ON BIRTH CONTROL IN BRAZIL ADAPTATIONS TO CHANGES IN MASTICATORY MUSCLE LENGTH IMMUNE RESPONSES IN VITRO-H-2 (IR) LOCUS FUNCTION STERIOD RECEPTORS IN MOUSE CELLS CULTURED IN VITRO MACROMOLECULES FOR ISOLATING PROTEIN ON CELL SURFACES CARDIAC DAMAGE & ARRHYTHMIAS AFTER CEREBRAL INFARCTION	123,442 19,070 28,090 19,064 39,182 19,620 39,520 42,662 28,835
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INSTITUTION TOTAL	9	359,485
CITY TOTAL	9	359,485

DETROIT MICHIGAN CANCER FOUNDATION CA17456-01 HORCOWITZ, SAMUEL B	STERIOD - TARGET CELL INTERACTIONS: A NEW APPROACH	41,663
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INSTITUTION TOTAL	1	41,663
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UNIVERSITY OF DETROIT CA17719-01 WEMPLE, JAMES N	SYNTHETIC ROUTES TO NEW THIOL ESTER DERIVATIVES	15,790
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INSTITUTION TOTAL	1	15,790
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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MICHIGAN DETROIT WAYNE STATE UNIVERSITY CA17217-01	STEVENS, CALVIN L	AMINO AND KETO SUGAR NUCLEOSIDES FOR CANCER SCREENING	25,156
INSTITUTION TOTAL	1		25,156
CITY TOTAL	3		82,609
EAST LANSING MICHIGAN STATE UNIVERSITY CA17554-01 AI12549-01 R05772-01	BOEZI, JOHN A ESSELMAN, WAITER J MAGEN, MYRON S	MAREK'S DISEASE HERPES VIRUS INDUCED DNA POLYMERASE EXPRESSION OF T LYMPHOCYTE DIFFERENTIATION ANTIGENS GENERAL RESEARCH SUPPORT GRANT	31,300 35,420 17,700
INSTITUTION TOTAL	3		84,420
CITY TOTAL	3		84,420
STATE TOTAL	15		526,514
MINNESOTA MINNEAPOLIS UNIVERSITY OF MINNESOTA ES01082-01 HL18204-01 DE04171-01 AM18085-01 AI12673-01	ANDERS, MARION W EINZIG, STANLEY GERMAINE, GREG P LEE, JUI S WATSON, DENNIS W	METABOLISM OF DIHALOMETHANES REGIONAL BLOOD FLOW IN VIRAL MYOCARDITIS ROLE OF ORAL BACTERIAL PROTEASES IN ORAL INFLAMMATION VILLUS PRESSURES AND LYMPH FLOW OF INTESTINE IMMUNOBIOLOGY OF GRAM-NEGATIVE BACTERIAL ENDOTOXINS	30,154 11,240 38,731 25,892 25,525
INSTITUTION TOTAL	5		131,542
CITY TOTAL	5		131,542
ROCHESTER MAYO FOUNDATION AM17828-01A1 HL17443-01 AM18278-01 HL16752-01A1	GODT, ROBERT E SRABOWSKI, ERIC F KELLY, KEITH A KUEPPERS, FRIEDRICH	CA++, LENGTH & FORCE VS. VELOCITY IN STRIATED MUSCLE TRANSPORT PHENOMENA IN THROMBOSIS MOTILITY OF THE DIGESTIVE TRACT IN HEALTH AND DISEASE PROTEASE INHIBITORS IN HUMAN BRONCHIAL MUCUS	31,685 29,595 87,355 29,045
INSTITUTION TOTAL	4		177,680
CITY TOTAL	4		177,680
STATE TOTAL	9		309,222

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MISSOURI COLUMBIA UNIVERSITY OF MISSOURI SYSTEM--UNIVERSITY OF MISSOURI AT COLUMBIA HL18040-01	SCHUDER, JOHN C	WAVEFORM DEPENDENCY IN DEFIBRILLATING 100 K3 CALVES	39,346
INSTITUTION TOTAL	1		39,346
CITY TOTAL	1		39,346
KANSAS CITY UNIVERSITY OF MISSOURI SYSTEM--UNIVERSITY OF MISSOURI AT KANSAS CITY DE04211-01	LUBEN, RICHARD A	CHARACTERIZATION OF OSTEOCLAST ACTIVATING FACTORS	10,000
INSTITUTION TOTAL	1		10,000
CITY TOTAL	1		10,000
NORMANDY UNIVERSITY OF MISSOURI SYSTEM--UNIVERSITY OF MISSOURI AT ST. LOUIS DE04038-01	BERNET, ALAN F	THERMODYNAMIC PROPERTIES OF FLUORAPATITE	9,227
INSTITUTION TOTAL	1		9,227
CITY TOTAL	1		9,227
SAINT LOUIS ST. LOUIS UNIVERSITY CA17006-01	PADMANABHAN, RADHAKRISHNAN	DNA SEQUENCE ANALYSIS ON HUMAN ADENOVIRUS GENOMES	25,215
INSTITUTION TOTAL	1		25,215
CITY TOTAL	1		25,215
UNIVERSITY CITY WASHINGTON UNIVERSITY HL18321-01	GARDNER, RICHARD A	FLUID SHEAR OR MAGNETIC ALIGNMENT OF BLOOD COMPONENTS	25,068
INSTITUTION TOTAL	1		25,068
CITY TOTAL	1		25,068
STATE TOTAL	5		108,856
MONTANA MISSOULA UNIVERSITY OF MONTANA AM17161-01A1	EATENT, GREGORY J	NERVOUS REGULATION OF INSULIN RELEASE	28,358

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DOLLARS
AWARDED

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
INSTITUTION TOTAL	1	28,358	
CITY TOTAL	1	28,358	
STATE TOTAL	1	28,358	
NEBRASKA			
OMAHA			
UNIVERSITY OF NEBRASKA SYSTEM--UNIVERSITY OF NEBRASKA MEDICAL CENTER			
AM17400-01A1	COOK, DAVID E	REGULATION OF DIABETIC GLUCONEOGENESIS BY BISUANIDES	27,565
INSTITUTION TOTAL	1	27,565	
CITY TOTAL	1	27,565	
STATE TOTAL	1	27,565	
NEW HAMPSHIRE			
HANOVER			
DARTMOUTH COLLEGE			
HD09020-01	ROBINSON, HELEN L	MECHANISMS OF THYROID HORMONE ACTION IN DEVELOPMENT	20,346
INSTITUTION TOTAL	1	20,346	
CITY TOTAL	1	20,346	
STATE TOTAL	1	20,346	
NEW JERSEY			
CAMDEN			
INSTITUTE FOR MEDICAL RESEARCH			
ES01136-01	MILLER, ROBERT C	CHEMICALLY INDUCED HERITABLE CHROMOSOME DEFECTS	70,369
INSTITUTION TOTAL	1	70,369	
CITY TOTAL	1	70,369	
NEW BRUNSWICK			
RUTGERS UNIVERSITY			
AM18555-01	COUSINS, ROBERT J	ZINC AND THE SYNTHESIS OF ZINC BINDING PROTEIN	21,600
HL17352-01	FRANKEL, HARRY M	PHYSIOLOGICAL REGULATION DURING CHRONIC HYPERTHERMIA	22,016
AM18557-01	KAPLAN, MURRAY L	EARLY NUTRITION - DEVELOPMENT OF OBESITY	23,355
INSTITUTION TOTAL	3	66,971	
CITY TOTAL	3	66,971	

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NEW JERSEY NEWARK COLLEGE OF MEDICINE AND DENTISTRY OF NEW JERSEY HL18096-01 SWAN, KENNETH G		VASOACTIVE AGENTS IN SPLANCHNIC VISCERA OF PRIMATES	24,620
INSTITUTION TOTAL	1		24,620
NEWARK BETH ISRAEL MEDICAL CENTER RR05763-01 GOLDMAN, LESTER M		GENERAL RESEARCH SUPPORT GRANT	15,856
INSTITUTION TOTAL	1		15,856
CITY TOTAL	2		40,476
PISCATAWAY COLLEGE OF MEDICINE AND DENTISTRY OF NEW JERSEY--RUTGERS MEDICAL SCHOOL AM17874-01 EICHHOLZ, ALEXANDER		STUDY OF THE TRANSPORT OF SUGARS IN THE INTESTINE	18,733
INSTITUTION TOTAL	1		18,733
CITY TOTAL	1		18,733
TEANECK FAIRLEIGH DICKINSON UNIVERSITY DE04228-01 AIFANO, MICHAEL C		NUTRITIONAL MODULATION OF ORAL MUCOSAL PERMEABILITY	9,970
INSTITUTION TOTAL	1		9,970
CITY TOTAL	1		9,970
STATE TOTAL	8		206,519
NEW MEXICO ALBUQUERQUE UNIVERSITY OF NEW MEXICO AM17843-01 GALEY, WILLIAM R, JR KOSOMA, TOKIC CA17298-01 VANDERJAGT, DAVID L		MECHANISMS OF PANCREATIC ELECTROLYTE AND H2O SECRETION DNA REPLICATION IN E. COLI: REGULATORY MUTANTS GLUTATHIONE METABOLISM IN NORMAL AND ABNORMAL TISSUE	25,184 24,950 16,200
INSTITUTION TOTAL	3		66,334
CITY TOTAL	3		66,334
UNIVERSITY PARK NEW MEXICO STATE UNIVERSITY HL17828-01 WILKINS, RALPH G		KINETIC STUDIES OF HEMERYTHRIN REACTIONS	23,925
INSTITUTION TOTAL	1		23,925

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DOLLARS
AWARDED

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CITY TOTAL	1	23,925	
STATE TOTAL	4	90,259	
NEW YORK			
ALBANY			
NEW YORK STATE DEPARTMENT OF HEALTH			
AI12603-01	FLAHERT, LORRAINE	IMMUNOGENETICS AND DIFFERENTIATION	31,888
INSTITUTION TOTAL	1	31,888	
STATE UNIVERSITY OF NEW YORK AT ALBANY			
HD08752-01	RIKMENSPOEL, ROBERT	CONTROL OF SPERM MOTILITY	36,153
INSTITUTION TOTAL	1	36,153	
UNION COLLEGE AND UNIVERSITY SYSTEM--ALBANY MEDICAL COLLEGE			
HL18051-01	ICEGERING, DANIEL J	MECHANISM OF RETICULOENDOTHELIAL FAILURE IN SHOCK	20,090
CA17346-01	MC KNEALLY, MARTIN F	SURGERY AND REGIONAL NODE STIMULATION FOR LUNG CANCER	12,450
INSTITUTION TOTAL	2	32,540	
CITY TOTAL	4	100,581	
BUFFALO			
NEW YORK STATE DEPARTMENT OF HEALTH--ROSWELL PARK MEMORIAL INSTITUTE			
HD08768-01	CHAPMAN, VERNE M	CONTROL OF GENE EXPRESSION DURING EARLY EMBRYOGENESIS	61,366
3M22204-01	HELD, WILLIAM A	ASSEMBLY OF E. COLI 30S RIBOSOMES FROM PRECURSOR RNA	47,274
CA16901-01	SLACK, NELSON H	BLADDER ADJUVANT STUDY, FOLLOW-UP AND ANALYSIS	25,123
CA17140-01	SRIVASTAVA, B I	TERMINAL DEOXYNUCLEOTIDYL TRANSFERASE AND LEUKEMIA	37,140
INSTITUTION TOTAL	4	170,903	
STATE UNIVERSITY OF NEW YORK AT BUFFALO			
AM17911-01	ETTINGER, MURRAY J	THE MOLECULAR BASIS OF ANTIDIURETIC HORMONE ACTION	25,278
DE03991-01	NATIELLA, JOSEPH R	STRUCTURAL-FUNCTIONAL CHANGES IN FREEZING ORAL TISSUE	35,029
INSTITUTION TOTAL	2	60,307	
CITY TOTAL	6	231,210	
ITHACA			
CORNELL UNIVERSITY			
KR00379-01	ANDREWS, EDWIN J	LABORATORY ANIMAL DIAGNOSTIC RESOURCE	77,137

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NEW YORK			
ITHACA			
CORNELL UNIVERSITY			
AI12543-01	ELDEFRAWI, AMIRA T	TOXICOLOGICAL STUDIES ON INSECT ACH-RECEPTORS	32,300
INSTITUTION TOTAL	2	109,437	
CITY TOTAL	2	109,437	
NEW YORK			
CITY UNIVERSITY OF NEW YORK--CITY COLLEGE OF NEW YORK			
AM18440-01	BIRKE, RONALD L	REDOX CHEMISTRY OF VITAMIN B12 DERIVATIVES	30,170
HL18089-01	SCHULZ, HORST H	FATTY ACID METABOLISM IN HEART AND ITS REGULATION	42,635
INSTITUTION TOTAL	2	72,805	
CITY UNIVERSITY OF NEW YORK--MOUNT SINAI SCHOOL OF MEDICINE			
AM18522-01	RAYFIELD, ELLIOT J	CARBOHYDRATE METABOLISM - INFECTION INTERRELATIONSHIPS	32,415
INSTITUTION TOTAL	1	32,415	
CITY UNIVERSITY OF NEW YORK--RICHMOND COLLEGE			
GM22686-01	NAIDEP, FRED F	PEPTIDE TRANSPORT IN MICROORGANISMS	19,700
INSTITUTION TOTAL	1	19,700	
COLUMBIA UNIVERSITY			
EY01557-01	SRINIVASAN, B D	CELL DIVISION AND DIFFERENTIATION IN THE CONJUNCTIVA	7,380
INSTITUTION TOTAL	1	7,380	
CORNELL UNIVERSITY MEDICAL COLLEGE			
HD09215-01	COCFER, GEORGE W, JR	THE SURFACE CHARACTER OF SPERMATOZOA AND BLASTOCYSTS	66,731
HL09416-01	DOCHER, GERALD B	CELL SURFACE ARCHITECTURE OF EMBRYOS AND SPERM	37,759
HL18195-01	NATHAN, MARC A	A MODEL OF SUSTAINED ARTERIAL HYPERTENSION	74,345
INSTITUTION TOTAL	3	178,835	
PORDHAM UNIVERSITY			
RC07150-01	FRANCK, RICHARD W	BIOMEDICAL SCIENCES SUPPORT GRANT	33,397
INSTITUTION TOTAL	1	33,397	
ICN; ISLAND JEWISH-HILSIDE MEDICAL CENTER			
DE04234-01	GREENWALD, ROBERT A	INTERACTIONS OF CONNECTIVE TISSUE COMPONENTS	9,975
INSTITUTION TOTAL	1	9,975	

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NEW YORK NEW YORK MEMORIAL HOSPITAL FOR CANCER AND ALLIED DISEASES CA17028-01	SCHOTTENFELD, DAVID	CANCER RISK AFTER IRRADIATION AND/OR CHEMOTHERAPY	28,190
INSTITUTION TOTAL	1		28,190
MCNTEIOFE HOSPITAL AND MEDICAL CENTER ES01060-01	ROSEN, JOHN F	THE DYNAMICS OF LEAD METABOLISM IN BONE	74,820
INSTITUTION TOTAL	1		74,820
NEW YORK CITY HEALTH SERVICES ADMINISTRATION--PUBLIC HEALTH RESEARCH INSTITUTE OF CITY OF N Y CA17078-01	FISHMAN, MARVIN	ROLE OF MACROPHAGE SUBCLASSES IN TUMOR IMMUNITY	30,825
AI12567-01	GREGORIADIS, ANASTASIA	REPLICATION AND ASSEMBLY OF INFLUENZA VIRUS	36,500
AI12188-01A1	POGO, BEATRIZ G	DNASES DURING INFECTION BY VACCINIA AND SHOPE FIBROMA	39,150
INSTITUTION TOTAL	3		106,475
NEW YORK MEDICAL COLLEGE AI12704-01	FISHER, CLARK A	THE CELL ENVELOPE ANTIGENS OF PROPIONIBACTERIUM ACNES	11,541
DE04084-01	PIGMAN, W WARD	CORE PROTEINS OF SALIVARY GLYCOPROTEINS	47,650
EY01426-01A1	SHARMA, SANSAR C	GENESIS OF NEURAL SPECIFICITY IN THE VISUAL SYSTEM	71,390
INSTITUTION TOTAL	3		130,581
NEW YORK UNIVERSITY CA17188-01	ALBERT, ROY E	FOLLOW-UP STUDY OF IRRADIATED TINEA CAPITIS CASES	68,760
HL17551-01	GOLDBERG, BURTON D	THE BIOSYNTHESIS AND METABOLISM OF PROCOLLAGEN	68,763
HL18183-01	GOLDSTEIN, BERNARD D	FLUORESCENT DETECTION OF RED CELL LIPID PEROXIDATION	25,832
DE04123-01	LE GEROS, RAOUEL Z	ENAMEL APATITES RELATING TO CARIES SUSCEPTIBILITY	56,354
HL17859-01	PESKIN, CHARLES S	COMPUTATIONAL METHODS IN CARDIAC FLUID DYNAMICS	24,723
CA16992-01	SEGAL, ALVIN	MODE OF ACTION OF B-PROPIOLACTONE IN CARCINOGENESIS	44,100
INSTITUTION TOTAL	6		288,532
ROCKEFELLER UNIVERSITY AM18165-01	JREGORY, JOHN D	LINKAGE REGION OF CARTILAGE KERATAN SULFATE	27,274
AM18532-01	SCHEELE, GEORGE A	SECRETORY PATHWAY IN THE EXOCRINE PANCREAS	54,683
INSTITUTION TOTAL	2		81,957
SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH CA17213-01	ESSNER, EDWARD S	A CYTOCHEMICAL AND MORPHOLOGICAL STUDY OF COLON	35,080
CA17410-01	HAHN, ERIC W	HEAT AND RADIATION ON NEOPLASMS: OPTIMAL FRACTIONATION	20,122

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NEW YORK NEW YORK SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH CA17129-01	SARKAR, NURUL H	COMPONENTS OF THE MOUSE MAMMARY TUMOR VIRUS	36,555
INSTITUTION TOTAL	3	91,757	
ST. LUKE'S HOSPITAL CENTER HL16592-01A1	RYAN, STEPHEN F	EXPERIMENTAL ACUTE ALVEOLAR INJURY	60,244
INSTITUTION TOTAL	1	60,244	
YESHIVA UNIVERSITY HL18308-01	PARK, SUNG SUH	COMPREHENSIVE STUDIES OF MUCOCILIARY TRANSPORT	77,044
INSTITUTION TOTAL	1	77,044	
CITY TOTAL	31	1,294,107	
ROCHESTER ROCHESTER INSTITUTE OF TECHNOLOGY AI12564-01	JELINEK, WARREN R	IN VITRO SYNTHESIS OF CELL AND VIRAL MESSENGER RNA	49,792
INSTITUTION TOTAL	1	49,792	
UNIVERSITY OF ROCHESTER HL18185-01	BENERJEE, SHAILESH P	CARDIAC GLYCOSIDES AND DIURATICS: ROLE OF NA+ PUMP	41,717
AI12568-01	LILLY, JOHN P	HIST DEFENSE, INFLAMMATION AND CELLULAR INJURY	80,000
CA17335-01	LOGAN, WENDE W	LIQUID CHOLESTEROL ESTER THERMOGRAPHY OF THE BREAST	15,375
DE04132-01	MAFQUIS, ROBERT E	PHYSIOLOGY OF DENTAL PLAQUE BACTERIA	33,004
AM17955-01	MENSUY, RENE	GASTRIC MUCOSAL ENERGY METABOLISM IN STRESS ULCERATION	39,779
INSTITUTION TOTAL	5	209,875	
CITY TOTAL	6	259,667	
STONY BROOK STATE UNIVERSITY OF NEW YORK AT STONY BROOK DE03987-01	SOLUB, LORNE M	GINGIVAL COLLAGEN METABOLISM IN HEALTH AND DISEASE	35,965
DE04168-01	IACCNO, VINCENT J	IMMUNOCHEMICAL ANALYSES OF ACTINOMYCETES' ANTIGENS	10,000
CA17518-01	MILLER, FREDERICK	A STUDY OF A COLONIC MUCOPROTEIN ANTIGEN	26,000
INSTITUTION TOTAL	3	71,965	
CITY TOTAL	3	71,965	

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NEW YORK			
SYRACUSE			
STATE UNIVERSITY OF NEW YORK--COLLEGE OF ENVIRONMENTAL SCIENCE AND FORESTRY			25,908
AI12532-01	FLASHNEP, MICHAEL	STRUCTURAL BIOCHEMISTRY OF BACTERIAL NEURAMINIDASES	41,180
AI12509-01	SCHUERCH, CONRAD	SYNTHETIC CARBOHYDRATE ANTIGENS AND HAPTENS	
INSTITUTION TOTAL	2	67,988	
STATE UNIVERSITY OF NEW YORK--UPSTATE MEDICAL CENTER			
AM18400-01	BORTOFF, ALEXANDER	EFFECT OF AGING ON GASTROINTESTINAL SMOOTH MUSCLE	29,275
INSTITUTION TOTAL	1	29,275	
SYRACUSE UNIVERSITY			
HD09094-01	DUSEK, JEROME B	THE DEVELOPMENT OF THE SELF-CONCEPT IN ADOLESCENCE	33,785
INSTITUTION TOTAL	1	33,785	
CITY TOTAL	4	130,148	
UTICA			
MASONIC FOUNDATION FOR MEDICAL RESEARCH AND HUMAN WELFARE			
RR05762-01	NOE, GORDON K	GENERAL RESEARCH SUPPORT GRANT	26,054
INSTITUTION TOTAL	1	26,054	
CITY TOTAL	1	26,054	
STATE TOTAL	57	2,223,169	
NORTH CAROLINA			
CHAPEL HILL			
UNIVERSITY OF NORTH CAROLINA SYSTEM--UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL			
3A22C89-01	BAKER, BRUCE S	GENETICS OF MEIOSIS AND DEVELOPMENT IN DROSOPHILA	51,730
RR05760-01	BIAUG, SEYMOUR M	GENERAL RESEARCH SUPPORT GRANT	28,186
DE04208-01	CAMPBELL, ROBERT L	OUT PATIENT GENERAL ANESTHESIA - BALANCED TECHNIQUE	6,088
HL18175-01	CORNONI, JOAN C	DRUG TAKING FOR HYPERTENSION IN A RURAL COMMUNITY	80,332
AI12535-01	GOODER, HARRY	CELL WALL DEFECTIVE VARIANTS OF NEISSERIA GONORRHOEA	27,904
ES01104-01	KRISMAN, MARTIN R	NEUROBIOLOGY OF ENVIRONMENTAL POLLUTANTS	345,254
CA17625-01	LEE, KUO-HSUNG	PLANT ANTITUMOR AGENTS	25,450
DE04104-01	LEINFELDER, KARL F	HARDENING OF PRECIOUS METAL ALLOYS	29,125
HD09028-01	SHACHTMAN, RICHARD H	HEALTH AND DEMOGRAPHIC EFFECTS OF INDUCED ABORTION	27,847
HL17628-01	YONCE, LLOYD F	PULSATILE PRESSURE-FLOW DYNAMICS	36,473
INSTITUTION TOTAL	10	658,389	
CITY TOTAL	10	658,389	

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NORTH CAROLINA CHARLOTTE INDIVIDUAL AWARD--PATTERSON, DAVID K LM02517-01	PATTERSON, K DAVID	COLONIAL MEDICINE IN THE NORTHERN GOLD COAST	5,000
INSTITUTION TOTAL	1		5,000
CITY TOTAL	1		5,000
DURHAM DUKE UNIVERSITY CA16784-01	ADAMS, DOLPH O	TUMORICIDAL EFFECTS OF MACROPHAGES: PATHOLOGIC STUDY	31,195
NS12322-01	CASSEDAY, JOHN H	NEURAL MECHANISMS RELATED TO BINAURAL HEARING	26,451
CA16727-01	GRANT, JOHN P	SIMILARITIES OF FETAL AND TUMOR ANTIGENS IN MICE	22,000
INSTITUTION TOTAL	3		79,646
CITY TOTAL	3		79,646
STATE TOTAL	14		743,035
NORTH DAKOTA GRAND FOLKS UNIVERSITY OF NORTH DAKOTA HL17432-01	LEE, YA P	GLYCEROL-3P DEHYDROGENASES IN CARDIOVASCULAR SYSTEM	20,850
INSTITUTION TOTAL	1		20,850
CITY TOTAL	1		20,850
STATE TOTAL	1		20,850
OHIO AKRON UNIVERSITY OF AKRON AT11861-01A1	CARDARELLI, NATHAN F	CHRONIC EFFECTS OF ULTRALOW TOXICANT CONCENTRATIONS	24,451
INSTITUTION TOTAL	1		24,451
CITY TOTAL	1		24,451
ATHENS OHIO UNIVERSITY AT12647-01 CA16614-01	RCMOSER, WILLIAM S SULLIVAN, PAUL B	THE REGULATION OF BUOYANCY IN MOSQUITO PUPAE CATION RADICALS IN BENZOPYRENE-12 AND RELATED SYSTEMS	15,886 20,005
INSTITUTION TOTAL	2		35,893

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CITY TOTAL	2	35,893	
OHIO			
CINCINNATI			
UNIVERSITY OF CINCINNATI	HIGHSMITH, ROBERT F	PHYSIOLOGICAL REGULATION OF THE FIBRINOLYTIC SYSTEM	34,312
HL18101-01			34,312
INSTITUTION TOTAL	1		
CITY TOTAL	1		
CLEVELAND			
CASE WESTERN RESERVE UNIVERSITY		DYNAMICS OF THE PLEURAL SPACE	34,786
HL17866-01	GREER, ISAAC	INTESTINAL TRANSPORT OF NUTRIENTS AND ELECTROLYTES	33,690
AM18265-01	HOOPER, ULRICH	UNIVERSITY ANIMAL RESOURCE CENTER	154,672
RR00948-01	LEASH, ARACN M	COLLAGEN SYNTHESIS BY DIFFERENTIATING CHICK TISSUES	45,867
AM18614-01	SCHILTZ, JOHN R		
INSTITUTION TOTAL	4	269,015	
CLEVELAND CLINIC HOSPITAL			
HL18062-01	FERFARIO, CARLOS M	THE UNRESOLVED NATURE OF MALIGNANT HYPERTENSION	28,494
INSTITUTION TOTAL	1		
CITY TOTAL	5	28,494	
		297,509	
COLUMBUS			
BATTELLE MEMORIAL INSTITUTE		CHARACTERIZATION OF ADHESIVE FORMED BY MYTILUS EDULIS	21,730
DE04100-01	DE VORE, DALE F		
INSTITUTION TOTAL	1	21,790	
OHIO STATE UNIVERSITY			
CA16867-01A1	DODD, MATTHEW C	IMMUNE RNA: TUMOR THERAPY AND PROPHYLAXIS IN MICE	40,600
HL18038-01	STONER, CLINTON D	STRUCTURE AND FUNCTION OF HEART MITOCHONDRIA	38,921
INSTITUTION TOTAL	2	79,521	
CITY TOTAL	3	101,311	
STATE TOTAL	12	493,476	
OKLAHOMA			
NORMAN			
UNIVERSITY OF OKLAHOMA		INBRED CHICKEN STRAINS FOR IN VIVO CULTURE STUDIES	2,000
AI12488-01	SETO, FRANK		

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DOLLARS
AWARDED

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
INSTITUTION TOTAL	1	2,000	
CITY TOTAL	1	2,000	
OKLAHOMA			
OKLAHOMA CITY			
OKLAHOMA MEDICAL RESEARCH FOUNDATION			
HL17619-01	JOHNSON, B CONNOR	VITAMIN K ENZYME ACTIVATION OF FACTOR VII PRECURSOR	33,301
HL18178-01	WHAYNE, THOMAS F, JR	STUDIES ON METABOLISM OF APOLIPOPROTEIN A	32,040
INSTITUTION TOTAL	2	65,341	
CITY TOTAL	2	65,341	
STATE TOTAL	3	67,341	
OREGON			
PORTLAND			
OREGON STATE HIGHER EDUCATION SYSTEM--UNIVERSITY OF OREGON HEALTH SCIENCES CENTER			
AM18554-01	MC HUGH, PAUL R	HYPOTHALAMUS IN FEEDING BEHAVIOR	28,346
INSTITUTION TOTAL	1	28,346	
CITY TOTAL	1	28,346	
STATE TOTAL	1	28,346	
PENNSYLVANIA			
HERSHEY			
PENNSYLVANIA STATE UNIVERSITY MILTON S. HERSHEY MEDICAL CENTER			
CA17341-01	CCMES, JOHN W	CELL POPULATION KINETICS OF TUMOR REGRESSION	30,683
AM18503-01	DUNN, EDWARD J	A SEGMENTAL POROUS PROSTHETIC IMPLANT FOR LONG BONES	25,790
EY01438-01	LEURE-DU PREE, A E	RETINAL ZINC: CELLULAR LOCATION AND VISUAL FUNCTION	24,358
AM17644-01A1	LIU, DAI K	MODE OF ACTION OF ALDOSTERONE IN KIDNEY AND HEART	35,832
HL18258-01	MORGAN, HOWARD E	REGULATION OF PROTEIN DEGRADATION IN HEART	48,198
HL18206-01	NEELY, JAMES R	REGULATION OF METABOLISM IN OXYGEN DEFICIENT HEARTS	51,138
HL17853-01	ZEISS, ROBERT F	PERIPHERAL CIRCULATION IN HEART FAILURE	20,000
HL17954-01	ZEISS, ROBERT F	NARCOTICS AND THE CIRCULATION	20,000
INSTITUTION TOTAL	8	255,999	
CITY TOTAL	8	255,999	
PHILADELPHIA			
MEDICAL COLLEGE OF PENNSYLVANIA			
CA17772-01	LEIGHTON, JOSEPH	METAPLASIA AND NEOPLASIA IN THE HETEROTOPIC RAT BLADDER	40,000

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
PENNSYLVANIA			
PHILADELPHIA			
MEDICAL COLLEGE OF PENNSYLVANIA			
HL18249-01	SCHICK, PAUL K	ISOLATION AND IDENTIFICATION OF PLATELET MEMBRANES	30,540
INSTITUTION TOTAL	2	70,540	
PHILADELPHIA COLLEGE OF PHARMACY AND SCIENCE			
RR05759-01	ROSSI, G VICTOR	GENERAL RESEARCH SUPPORT GRANT	16,003
INSTITUTION TOTAL	1	16,003	
PHILADELPHIA GENERAL HOSPITAL			
HL17461-01	MINOR, RONALD R	FACTORS IN LUNG DEVELOPMENT	60,020
INSTITUTION TOTAL	1	60,020	
TEMPLE UNIVERSITY			
GM21474-01A1	KUNDEL, HAROLD I	VISUAL SEARCH AND FILM READER ERROR IN RADIOLOGY	88,333
DE04742-01	MAFTIN, JOHN S	OPAL MUCOSAL STIMULATION AND AIR RESISTANCE	9,895
HL17431-01A1	RAJA, KODUNJALLORE S	IMMUNOLOGICAL STUDY OF LCAT IN MAMMALS	39,765
AM16194-01	REICHEL, FREDERICK A	PRE AND POST SHUNT HUMAN HEPATIC HEMODYNAMICS	54,045
INSTITUTION TOTAL	4	192,038	
UNIVERSITY OF PENNSYLVANIA			
CA16607-01	BAGDASARIAN, ANDRANIK	KININ-FORMING PATHWAY IN NORMAL AND MALIGNANT TISSUES	27,135
HL17826-01	CHANCE, BRIITON	OXYGEN DELIVERY TO TISSUE	78,553
HL17840-01	COX, ROBERT H	ARTERIAL WALL STRUCTURE-FUNCTION RELATIONS	34,173
HL17408-01	KRON, REUBEN E	FRESH BLOOD RHEOLOGY - RELATION TO CARDIOVASCULAR RISK	39,973
GM22293-01	SANGER, JOSEPH W	FLUORESCENT PROTEIN TRACERS FOR CELL MOTILITY STUDIES	71,000
DE03995-01	TAICHMAN, NORTON S	LEUKOCYTES IN THE PATHOGENESIS OF PERIODONTAL DISEASE	85,903
INSTITUTION TOTAL	6	336,737	
WILLS EYE HOSPITAL			
EY01467-01	FEDERMAN, JAY I	TUMOR-ASSOCIATED ANTIBODIES AGAINST OCULAR MELANOMAS	25,356
INSTITUTION TOTAL	1	25,356	
CITY TOTAL	15	700,694	
PITTSBURGH			
UNIVERSITY OF PITTSBURGH			
DE04225-01	CHIU, TEH-HSING	LIPOTETICHOIC ACIDS--METABOLISM AND ROLE IN DENTISTRY	29,946

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
PENNSYLVANIA PITTSBURGH UNIVERSITY OF PITTSBURGH AM18199-01 AM18321-01	FRIZZELL, RAYMOND A RABIN, BRUCE S	ION TRANSPORT BY MAMMALIAN COLON, IN VITRO IMMUNOLOGIC STUDY OF EXPERIMENTAL ULCERATIVE COLITIS	14,091 27,063
INSTITUTION TOTAL CITY TOTAL	3 3		71,100 71,100
UNIVERSITY PARK PENNSYLVANIA STATE UNIVERSITY HI17559-01A1	HARTZELL, CHARLES R	STRUCTURAL ELUCIDATION OF HEART CYTOCHROME C OXIDASE	26,120
INSTITUTION TOTAL CITY TOTAL	1 1		26,120 26,120
STATE TOTAL	27		1,053,913
RHODE ISLAND KINGSTON GORDON RESEARCH CONFERENCES HI18726-01 CA17940-01	CLEMERS, JOHN A PITELKA, DOROTHY R	CONFERENCE ON NON-VENTILATORY FUNCTIONS OF THE LUNGS CONFERENCE ON BIOLOGY OF MAMMARY TISSUE & MILK	7,500 4,725
INSTITUTION TOTAL CITY TOTAL	2 2		12,225 12,225
PROVIDENCE BROWN UNIVERSITY DE04045-01 HD09258-01 EY01512-01	HOLOSH, MILTON MONTEIRO, LOIS A WOOTEN, BILL R	THE POROUS V.C.--P.M.M.A. REPLICA IMPLANT SOCIAL EVENTS AND ATTITUDE CHANGE, ABORTION 1971-74 RETINAL MOSAICISM IN FEMALES CARRYING COLOR BLINDNESS	41,195 6,479 62,116
INSTITUTION TOTAL	3		109,790
ROGER WILLIAMS GENERAL HOSPITAL ER05765-01	CALABRESI, PAUL	GENERAL RESEARCH SUPPORT GRANT	117,630
INSTITUTION TOTAL CITY TOTAL	1 4		117,630 227,420
STATE TOTAL	6		239,645

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
SOUTH CAROLINA			
CHARLESTON			
MEDICAL UNIVERSITY OF SOUTH CAROLINA			
CA17694-01	HASKILL, JOHN S	ANALYSIS OF THE HOST RESPONSE WITHIN SOLID TUMORS	50,000
BR05767-01	SUDDICK, RICHARD P	GENERAL RESEARCH SUPPORT GRANT	17,431
INSTITUTION TOTAL	2		67,431
CITY TOTAL	2		67,431
CLEMSON			
CLEMSON UNIVERSITY			
DE04213-01	COOKE, FRANCIS W	INTERNATIONAL BIOMATERIALS SYMPOSIUM, 1975	5,000
INSTITUTION TOTAL	1		5,000
CITY TOTAL	1		5,000
CCUMBIA			
UNIVERSITY OF SOUTH CAROLINA			
CA17830-01	JAMES, ERIC	TRANSLATION IN VITRO OF MOLONEY LEUKEMIA VIRUS RNA	44,723
INSTITUTION TOTAL	1		44,723
CITY TOTAL	1		44,723
STATE TOTAL	4		117,154
TENNESSEE			
MEMPHIS			
ST. JUDE CHILDREN'S RESEARCH HOSPITAL			
CA17881-01	MARTEN, GEORGE W	PSYCHOLOGICAL ADAPTATIONS TO CHILDHOOD LEUKEMIA	49,798
CA16652-01	WALKER, WILLIAM S	MACROPHAGE FUNCTIONS IN TUMORIGENESIS	34,594
INSTITUTION TOTAL	2		84,392
UNIVERSITY OF TENNESSEE SYSTEM--UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES			
HD09061-C1	ARANT, BILLY S, JR	PATTERNS OF FUNCTIONAL MATURATION: THE NEONATAL KIDNEY	27,020
HL17796-01	CALDWELL, ROBERT W	THE IMPORTANCE OF AMINOSUGARS IN DIGITALIS ACTIVITY	33,996
DE04125-01	DAEBIOUS, MUSTAFA K	GINIVAL MATRIX PROTEINS AND PERIODONTAL DISEASE	34,351
AM18243-01	LILJENQUIST, JOHN E	GLUCONEOGENESIS: ITS ROLE AND REGULATION	77,605
CA17183-01	MAGUN, BRUCE E	NUCLEAR PROTEIN CHANGES IN TRANSFORMATION	35,602
INSTITUTION TOTAL	5		208,574
CITY TOTAL	7		292,966

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
TENNESSEE			
NASHVILLE			
MEHARRY MEDICAL COLLEGE			
CA17229-01	RUSSELL, JAMES D	KELOIDS: AN IN VITRO MODEL OF TUMOR GROWTH REGULATION	75,316
INSTITUTION TOTAL 1 75,316			
VANDERBILT UNIVERSITY			
HL17629-01A1	BOERTH, ROBERT C	DEVELOPMENTAL ASPECTS OF CARDIOVASCULAR FUNCTION	36,291
HD09195-01	CHYLL, FRANK	VITAMIN A IN GROWTH AND DEVELOPMENT	51,134
HD08295-01A1	DANZO, BENJAMIN J	ENDOCRINE REGULATION OF EPIDIDYMAL FUNCTION	39,069
AM18222-01	MITCHELL, WILLIAM M	HUMAN PROCOLLAGEN STRUCTURE AND FUNCTION	33,583
AM17808-01A1	SODERLING, THOMAS R	REGULATION OF PHOSPHOPROTEIN PHOSPHATASES	13,896
HD08837-01	SOUPART, PIERRE	CYTOGENETICS OF HUMAN PREIMPLANTATION EMBRYOS	63,994
INSTITUTION TOTAL 6 237,967			
CITY TOTAL 7 313,283			
OAK RIDGE			
OAK RIDGE ASSOCIATED UNIVERSITIES			
CA17295-01	WYKLE, ROBERT L	LYSOPHOSPHOLIPASE D IN TUMORS AND OTHER TISSUES	28,050
INSTITUTION TOTAL 1 28,050			
CITY TOTAL 1 28,050			
STATE TOTAL 15 634,299			
TEXAS			
AUSTIN			
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS AT AUSTIN			
EY01506-01	GESLIN, PHYLLIS J	NEURAL CONTROL OF EYE MOVEMENTS	43,411
HL18247-01	RICHARDSON, PHILIP C	INDUCED AV NODAL CONDUCTION CHANGES IN NORMAL HEARTS	13,763
INSTITUTION TOTAL 2 57,174			
CITY TOTAL 2 57,174			
DALLAS			
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT DALLAS			
HC08387-01	ANDERSON, RICHARD G	DEVELOPMENT AND FUNCTION OF THE OVIDUCT BASAL BODY	46,005
AM18043-01	ANDREWS, PETER M	ULTRASTRUCTURE IN AMINONUCLEOSIDE INDUCED NEPHROSIS	16,167
HL18272-01	BUNTING, JAMES R	STUDIES OF HEART ADENYLYL CYCLASE COMPLEX	37,890
AM17615-01A1	SONYEA, WILLIAM J	ADAPTATION OF MUSCLE TO HIGH-INTENSITY EXERCISE	30,322

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NIH
RESEARCH GRANTS *

DOLLARS
AWARDED

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
TEXAS			
DALLAS			
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT DALLAS			
HL18104-01	TEMPLETON, GORDON H	CARDIAC MECHANICS MEASURED IN VITRO AND IN VIVO	25,423
HL18165-01	WILDENTHAL, KERN	SYMPOSIUM ON REGULATION OF CARDIAC METABOLISM	7,500
INSTITUTION TOTAL	6	163,307	
CITY TOTAL	6	163,307	
PORT WORTH			
TEXAS CHRISTIAN UNIVERSITY			
ES01130-01	BARTLETT, PAUL D	SMALL MOLECULES IN ORGANIC AND ENVIRONMENTAL CHEMISTRY	69,017
INSTITUTION TOTAL	1	69,017	
CITY TOTAL	1	69,017	
GALVESTON			
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS MEDICAL BRANCH AT GALVESTON			
CA17961-01	BAILEY, BYRON J	ELECTRONIC LARYNGEAL PROSTHESIS	56,200
HL17822-01	CHEN, JAMES P	RADIOIMMUNOASSAY OF HYPER- AND HYPOCOAGULABLE STATES	25,816
AM18313-01	POFFENBARGER, PHILLIP L	ENDOCRINOLOGY OF NONSUPPRESSIBLE INSULIN-LIKE ACTIVITY	31,966
CA17872-01	SMITH, LELAND I	DERIVATION OF CARCINOGENIC EPOXIDES	32,361
INSTITUTION TOTAL	4	146,343	
CITY TOTAL	4	146,343	
HOUSTON			
BAYLOR COLLEGE OF MEDICINE			
HL17372-01A1	BISHOP, STEPHEN H	ADENINE NUCLEOTIDE MAINTENANCE IN THE ISCHEMIC HEART	34,425
HL17907-01	SKINNER, JAMES E	BRAIN REGULATION OF CARDIAC ARRHYTHMIA	49,596
INSTITUTION TOTAL	2	84,021	
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON			
DE04212-01	BOYAN, BARBARA D	THE ROLE OF LIPOPROTEINS IN MICROBIAL CALCIFICATION	8,985
DE04172-01	MACKLER, BRUCE F	MIF LYMPHOKINE INVOLVEMENT IN PERIODONTAL DISEASE	27,898
DE04210-01	O'NEILL, PEGGY A	LYMPHOCYTE-MEDIATED CYTOTOXICITY IN PERIODONTAL DISEASE	37,111
INSTITUTION TOTAL	3	73,994	
CITY TOTAL	5	158,015	

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NIH
RESEARCH GRANTS *

DOLLARS
AWARDED

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	
TEXAS			
LUBBOCK			
TEXAS TECH UNIVERSITY	BEHAL, FRANCIS J	GENERAL RESEARCH SUPPORT GRANT	
RR05773-01			35,584
INSTITUTION TOTAL	1		35,584
CITY TOTAL	1		35,584
SAN ANTONIO			
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS AT SAN ANTONIO			
HD08445-01	MC KINNEY, THEODORE D	SOCIAL ENVIRONMENT AND REPRODUCTION IN SMALL RODENTS	25,742
INSTITUTION TOTAL	1		25,742
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT SAN ANTONIO			
HL16080-01	SHEPHERD, ALBERT P, JR	EXTENSIVE CONTROL OF INTESTINAL MICROCIRCULATION	36,029
INSTITUTION TOTAL	1		36,029
CITY TOTAL	2		61,771
STATE TOTAL	21		691,211
UTAH			
SALT LAKE CITY			
UTAH STATE HIGHER EDUCATION SYSTEM--UNIVERSITY OF UTAH			
AI12387-01	EHRENFIELD, ELVIRA R	VIRUS-HOST CELL INTERACTIONS	86,160
CA18024-01	MC CLOSKEY, JAMES A	MASS SPECTROMETRY OF NUCLEIC ACIDS AND THEIR ANALOGS	50,296
CA16465-01	ROTI ROTI, JOSEPH L	RADIATION INDUCED ALTERATIONS OF CHROMOSOMAL PROTEINS	34,770
DE03906-01	SCHAFER, SUSAN A	CELL POPULATIONS COMPETENT TO FORM AND RESORB BONE	7,500
AI12316-01	SUMMERS, DONALD F	COMPOSITION, ASSEMBLY AND REPLICATION OF RNA VIRUSES	156,950
AM18208-01	SWEAT, FLOYD W	BIOCHEMICAL STUDY OF LIVER RETICULOENDOTHELIAL CELLS	23,025
INSTITUTION TOTAL	6		358,701
CITY TOTAL	6		358,701
STATE TOTAL	6		358,701
VERMONT			
BURLINGTON			
UNIVERSITY OF VERMONT AND STATE AGRICULTURAL COLLEGE			
AM18535-01	DANFORTH, ELLIOT, JR	EFFECTS OF OVER- AND UNDERNUTRITION ON THYROID HORMONE	49,573
INSTITUTION TOTAL	1		49,573
CITY TOTAL	1		49,573

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
STATE TOTAL	1	49,573	
VIRGINIA BLACKSBURG VIRGINIA POLYTECHNIC CA17790-01 AI12726-01	INSTITUTE AND STATE UNIVERSITY CUMMINS, CECIL S SMIBERT, ROBERT M	TUMOR-INHIBITORY PROPERTY OF ANAEROBIC CORYNEFORMS T. PALLIDUM CULTIVATION AND TREPONEME LIPID STUDIES	37,150 42,892
INSTITUTION TOTAL	2	80,042	
CITY TOTAL	2	80,042	
CHARLOTTEVILLE UNIVERSITY OF VIRGINIA HL17576-01 AM18471-01 DE03925-01A1 AM17849-01	BARENHOLZ, YECHEZKEL CUENOW, RANDALL T WAWNER, FRANKLIN E YAMAZAKI, RUSSELL K	ROLE OF SPHINGOMYELIN IN BIOMEMBRANES AND BILAYERS NEURAL CONTROL OF HEPATIC CARBOHYDRATE METABOLISM A STUDY OF REINFORCEMENTS IN DENTAL COMPOSITES HORMONAL REGULATION OF MITOCHONDRIAL FUNCTION	30,230 31,927 37,533 33,524
INSTITUTION TOTAL	4	133,114	
CITY TOTAL	4	133,114	
NORFOLK NORFOLK AREA MEDICAL PR05771-01	CENTER--EASTERN VIRGINIA MEDICAL SCHOOL GOURLEY, DESMOND R	GENERAL RESEARCH SUPPORT GRANT	16,527
INSTITUTION TOTAL	1	16,527	
CITY TOTAL	1	16,527	
RICHMOND VIRGINIA COMMONWEALTH UNIVERSITY AM18272-01 AM18300-01 DE04250-01 DE04224-01	BRYANT, CLAUDE P CAMPEBELL, GARY T LEER, IRWIN J MACPINA, FRANCIS L	ALTERATIONS IN GBM METABOLISM IN RENAL ALLOGRAFTS CYTOARCHITECTURE IN BRAIN-PITUITARY CONTROL SYSTEMS PAROTID GLAND PROTEIN SYNTHESIS STUDIES ON THE GENETICS OF ORAL MICROFLORA	53,979 11,666 9,890 10,000
INSTITUTION TOTAL	4	85,535	
CITY TOTAL	4	85,535	
STATE TOTAL	11	315,218	

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
WASHINGTON PULLMAN WASHINGTON STATE UNIVERSITY CA17683-01	KEITH, L MC IVOR	ISOLATION & PURIFICATION: SPECIFIC MACROPHAGE CYTOTOXIN	23,465
INSTITUTION TOTAL	1		23,465
CITY TOTAL	1		23,465
 RICHLAND BATTELLE MEMORIAL INSTITUTE--PACIFIC NORTHWEST LABORATORIES DE03938-01	WESTERMAN, RICHARD E	POROUS METAL DENTAL ANCHORS IN LONG-TERM FUNCTION	46,525
INSTITUTION TOTAL	1		46,525
CITY TOTAL	1		46,525
 SEATTLE FRED HUTCHINSON CANCER RESEARCH CENTER RR05761-01	HUTCHINSON, WILLIAM B	GENERAL RESEARCH SUPPORT GRANT	139,056
INSTITUTION TOTAL	1		139,056
 UNIVERSITY OF WASHINGTON DE04179-01	HARRIS, FREDRIC A	DENTAL CARE OF THE CEREBRAL PALSIED CHILD	21,970
HL18291-01	HAZARD, WILLIAM R	ESTROGEN EFFECTS ON LIPIDS, ARTERIES AND PLATELETS	25,271
HD09172-01	PALMITER, RICHARD D	HORMONAL CONTROL OF DIFFERENTIATION AND GENE ACTION	36,350
AI12459-01	RIDDIFORD, LYNN M	STUDIES OF JUVENILE HORMONE ACTION	26,888
AI12617-01	SCOTT, C RONALD	BIOCHEMICAL CAUSES OF CHILD IMMUNE DEFICIENCY STATES	66,335
AM17813-01	WILLSON, RICHARD A	ACUTE HEPATIC FAILURE STUDY	19,050
AM17844-01	WOODS, STEPHEN C	NEURAL CONTROL OF BODY WEIGHT	27,036
INSTITUTION TOTAL	7		222,970
CITY TOTAL	8		362,026
STATE TOTAL	10		432,016
 WEST VIRGINIA MORGANTOWN WEST VIRGINIA UNIVERSITY DE04091-01	JOHNSON, DAVID C	QUANTITATIONS OF HUMAN PULP INNERVATION	8,070
INSTITUTION TOTAL	1		8,070
CITY TOTAL	1		8,070
STATE TOTAL	1		8,070

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NIH
RESEARCH GRANTS *

DOLLARS
AWARDED

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
WISCONSIN			
EAU CLAIRE			
UNIVERSITY OF WISCONSIN SYSTEM--UNIVERSITY OF WISCONSIN--EAU CLAIRE			
D604046-01	NAROT, CHARLES F	COLLAGEN-MINERAL PHASE INTERACTIONS IN DENTIN	43,702

INSTITUTION TOTAL	1	43,702
CITY TOTAL	1	43,702

MADISON			
UNIVERSITY OF WISCONSIN SYSTEM--UNIVERSITY OF WISCONSIN--MADISON			
CA16836-01	BACH, FEITZ H	PROGRAM PROJECT IN TUMOR & ALLOGRAFT IMMUNITY	272,330
HL17759-01	BITTAR, NEVILLE	STUDIES OF MYOCARDIAL REACTIVE HYPEREMIA	44,579
GM22038-01	CROW, JAMES F	THE EFFECT OF MUTATION ON FITNESS	68,065
AI12515-01	OSBORN, JUNE E	VIRULENCE AND ATTENUATION OF CYTOMEGALOVIRUSES	24,961
CA17444-01	WANG, CHING Y	PREVENTION OF PANET URINARY BLADDER TUMORIGENESIS	55,786
HD08474-01A1	WENTWORTH, BERNARD C	GROWTH HORMONE AS A DETERMINANT OF INHERENT GROWTH	17,503

INSTITUTION TOTAL	6	483,224
CITY TOTAL	6	483,224

MILWAUKEE			
MARQUETTE UNIVERSITY			
HD08089-01A2	KRISHNAKUMARAN, ALAPATI	REPROGRAMMING AND DNA SYNTHESIS IN EPIDERMAL CELLS	23,343

INSTITUTION TOTAL	1	23,343
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MEDICAL COLLEGE OF WISCONSIN			
EY01665-01	DAVIS, STARKEY D	EXPERIMENTAL PSEUDOMONAS KERATITIS	29,473
HL16511-01A2	KAMPINE, JOHN F	SYMPATHETIC AFFERENT ACTIVITY OF CARDIAC ORIGIN	25,286
DE04041-01	LONG, SALLY Y	CRANIAL BASE AND PALATE DEVELOPMENT	27,449
ES01052-01	PETERSON, RICHARD E	ENVIRONMENTAL POLLUTANTS AND TOXICOLOGY OF THE LIVER	29,355
HL16454-01A1	STEKEL, WILLIAM J	VASCULAR MUSCLE REACTIVITY IN HYPERTENSION	23,515
CA17851-01	THATCHER, L GILBERT	COMBINATION CHEMOTHERAPY IN CHILDHOOD LEUKEMIA	34,200
EY01436-01A1	VAN HORN, DIANE L	REGENERATIVE CAPACITY OF CORNEAL ENDOTHELIUM	27,450

INSTITUTION TOTAL	7	196,728
CITY TOTAL	8	220,076
STATE TOTAL	15	747,002

DENMARK			
COPENHAGEN			
UNIVERSITY OF COPENHAGEN			
CA17039-01	EBBESSEN, PETER	CANCER OF OLD SKIN GRAFTS AGING ON YOUNG RECIPIENTS	20,300

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NIH
RESEARCH GRANTS *

DOLLARS
AWARDED

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
INSTITUTION TOTAL	1		20,300
CITY TOTAL	1		20,300
STATE TOTAL	1		20,300
FINLAND			
HELSINKI			
UNIVERSITY OF HELSINKI			
CA17373-01	VAHERI, ANTTI	FIBROBLAST SURFACE ANTIGEN LOSS IN TRANSFORMATION	49,000
INSTITUTION TOTAL	1		49,000
CITY TOTAL	1		49,000
STATE TOTAL	1		49,000
TOTAL	448		16,507,401

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NIH
RESEARCH CONTRACTS

DOLLARS
AWARDED

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	
CALIFORNIA			
BERKELEY			
ANDROS, INC.			
GM52124-00	MCCLATCHID, EDWARD A	DEVELOP A CARBON DIOXIDE ANALYZER	149,486
			149,486
INSTITUTION TOTAL	1		
CITY TOTAL	1		
GILROY			
SIMONSEN LABORATORIES			
CM53817-00	SIMONSEN, H C	GENETIC CENTER OF RODENTS--BIO-CONTAINMENT ENVIRONMENT	374,274
			374,274
INSTITUTION TOTAL	1		
CITY TOTAL	1		
LOS ANGELES			
UNIVERSITY OF SOUTHERN CALIFORNIA			
CM53842-00	HALL, THOMAS C	THERAPY OF PATIENTS WITH GASTRIC CARCINOMA	143,500
			143,500
INSTITUTION TOTAL	1		
CITY TOTAL	1		
MENLO PARK			
STANFORD RESEARCH INSTITUTE			
CP55678-00	REIST, E I	THIRD ANNUAL CARCINOGENESIS CONFERENCE IN ORLANDO, FLA	654
			654
INSTITUTION TOTAL	1		
CITY TOTAL	1		
OAKLAND			
KAISER FOUNDATION HOSPITALS--KAISER FOUNDATION RESEARCH INSTITUTE			
HV52944-00	KODLIN, DANKWARD	A CASE CONTROL STUDY ON RESERPINE AND BREAST CANCER	51,565
			51,565
INSTITUTION TOTAL	1		
CITY TOTAL	1		
SAN FRANCISCO			
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT SAN FRANCISCO			
CN55190-00	PHILLIPS, THEODORE L	EARLY INTERVENTION IN REHABILITATION OF CANCER PATIENTS	227,343
			227,343
INSTITUTION TOTAL	1		
CITY TOTAL	1		

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NIH
RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
CALIFORNIA			
SANTA MONICA			
RAND CORPORATION			
OD52127-00	CARTER, GRACE	NIH POLICIES FOR THE SUPPORT OF EXTRAMURAL RESEARCH	319,429
INSTITUTION TOTAL	1	319,429	
CITY TOTAL	1	319,429	
STANFORD			
STANFORD UNIVERSITY	BERNFELD, MERTON R	STROMA IN NEOPLASTIC AND PRENEOPLASTIC MAMMARY GLAND	78,000
CB53903-00			
INSTITUTION TOTAL	1	78,000	
CITY TOTAL	1	78,000	
STATE TOTAL	8	1,344,251	
CONNECTICUT			
NEW HAVEN			
YALE UNIVERSITY	SPIRO, HOWARD M	THERAPY OF PATIENTS WITH GASTRIC CARCINOMA	102,200
CM53843-00			
INSTITUTION TOTAL	1	102,200	
CITY TOTAL	1	102,200	
STATE TOTAL	1	102,200	
DIST OF COL			
WASHINGTON			
COURTESY ASSOCIATES			
CP53534-00	NOT APPLICABLE	WORKSHOP ON DIET AND NUTRITION	1,000
CP53538-00	STAN2PLI, SHEILA	CONFERENCE ON THE GENETICS OF HUMAN CANCER	3,000
INSTITUTION TOTAL	2	4,000	
MEDICAL SERVICE CONSULTANTS			
AM52206-00	BAUER, WILLIAM	SUPPORT SERVICES FOR THE NATIONAL COMMISSION ON DIABETES	295,734
INSTITUTION TOTAL	1	295,734	
CITY TOTAL	3	299,734	
STATE TOTAL	3	299,734	

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NIH
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DOLLARS
AWARDED

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	
MARYLAND BALTIMORE MARYLAND STATE DEPARTMENT OF HEALTH AND MENTAL HYGIENE CM55166-00	SAWADA, EDWARD A	EXPANSION OF MARYLAND CERVICAL CANCER SCREENING PROGRAM	206,291
INSTITUTION TOTAL	1	206,291	
CITY TOTAL	1	206,291	
 BETHESDA INFORMATION SERVICES CO55227-00	JOHNSON, DALLAS	CANCER PUBLIC INFORMATION PUBLICATION	64,200
INSTITUTION TOTAL	1	64,200	
CITY TOTAL	1	64,200	
 SAITHERSBURG GROMET, INC. CF53522-00	COOK, JONATHAN D	THIRD NATIONAL CANCER SURVEY DATA PROCESSING SERVICES	125,082
INSTITUTION TOTAL	1	125,082	
CITY TOTAL	1	125,082	
 SILVER SPRING APPLIED MANAGEMENT SCIENCES CM55069-00	BLOOM, MARTIN V	ATTITUDE TOWARD EMPLOYMENT OF WORK-ABLE CANCER PATIENTS	139,602
INSTITUTION TOTAL	1	139,602	
CITY TOTAL	1	139,602	
STATE TOTAL	4	535,175	
 MASSACHUSETTS CAMBRIDGE ARTHUR D. LITTLE, INC. CM53765-00 CM57006-00	MERKER, PHILIP WODINSKY, I	EVALUATION OF COMBINED CHEMOTHERAPY AND MODALITY STUDIES PR-MARY IN-VIVO SCREENING FOR ANTI-CANCER ACTIVITY	728,308 555,393
INSTITUTION TOTAL	2	1,283,701	
CITY TOTAL	2	1,283,701	

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NIH
RESEARCH CONTRACTS

DOLLARS
AWARDED

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
MASSACHUSETTS			
WILMINGTON			
CHARLES PIVER BREEDING LABORATORIES		RODENT PRODUCTION CENTER IN MODIFIED ENVIRONMENT	195,080
CM53848-00	FOSTER, HENRY		
INSTITUTION TOTAL	1		195,080
CITY TOTAL	1		195,080
STATE TOTAL	3		1,478,781

NEW HAMPSHIRE			
DURHAM			
UNIVERSITY OF NEW HAMPSHIRE SYSTEM--UNIVERSITY OF NEW HAMPSHIRE		PREPARATION OF VARIOUS N-NITROSO COMPOUNDS	43,374
CP55675-00	LYLE, ROBERT E		
INSTITUTION TOTAL	1		43,374
CITY TOTAL	1		43,374
STATE TOTAL	1		43,374

NEW JERSEY			
PRINCETON			
PRINCETON UNIVERSITY	WESTOFF, CHARLES F	LONGITUDINAL STUDY OF FERTILITY	589,950
HD52819-00			
INSTITUTION TOTAL	1		589,950
CITY TOTAL	1		589,950
STATE TOTAL	1		589,950

NEW YORK			
NEW YORK			
AMERICAN CANCER SOCIETY	VIVONA, STEFANO	PARTIAL SUPPORT FOR WORKSHOP ON BLADDER CARCINOMA	18,000
CB53908-00			
INSTITUTION TOTAL	1		18,000

CAROLYN HORTON AND ASSOCIATES			
LM54711-00		REPAIR, RESTORATION AND CUSTOM REBINDING OF RARE BOOKS	8,000
INSTITUTION TOTAL	1		8,000

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NIH
RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
NEW YORK NEW YORK CITY UNIVERSITY OF NEW YORK--MOUNT SINAI SCHOOL OF MEDICINE CM53841-00 BRUCKNER, HOWARD W		THERAPY OF PATIENTS WITH GASTRIC CARCINOMA	150,782
INSTITUTION TOTAL	1		150,782
MEMORIAL HOSPITAL FOR CANCER AND ALLIED DISEASES CN55223-00 ROBBINS, GUY F		DEMONSTRATE CANCER REHABILITATION FACILITIES	452,222
INSTITUTION TOTAL	1		452,222
NEW YORK CITY HEALTH SERVICES ADMINISTRATION--PUBLIC HEALTH RESEARCH INSTITUTE OF CITY OF N Y CP55679-00 OSLER, ABRAHAM G		CHEMICAL CARCINOGENESIS AND IMMUNOLOGY	72,940
INSTITUTION TOTAL	1		72,940
NEW YORK UNIVERSITY CN55188-00 LILLER, LEONARD		EARLY INTERVENTION IN REHABILITATION OF CANCER PATIENTS	195,958
INSTITUTION TOTAL	1		195,958
CITY TOTAL	6		897,902
STATE TOTAL	6		897,902
NORTH CAROLINA CHAPEL HILL UNIVERSITY OF NORTH CAROLINA SYSTEM--UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL CB53905-00 PEARLMAN, WILLIAM H		MAMMARY GLAND RESPONSIVENESS TO MULTIPLE HORMONES	82,700
INSTITUTION TOTAL	1		82,700
CITY TOTAL	1		82,700
DURHAM DUKE UNIVERSITY CE53890-00 WARD, FRANCES E		NCI HISTOCOMPATIBILITY TESTING CENTER	214,383
INSTITUTION TOTAL	1		214,383
CITY TOTAL	1		214,383
RESEARCH TRIANGLE PARK RESEARCH TRIANGLE INSTITUTE CP55677-00 KEPLER, J A		THIRD ANNUAL CARCINOGENESIS CONFERENCE IN ORLANDO, FLA	268
INSTITUTION TOTAL	1		268

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH CONTRACTS

DOLLARS
AWARDED

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
CITY TOTAL	1	268	
STATE TOTAL	3	297,351	
OKLAHOMA			
OKLAHOMA CITY			
UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER			
PR52119-00	NUNNERY, ARTHUR	EVALUATION OF A CLINICAL RESEARCH DATA SYSTEM	25,748
INSTITUTION TOTAL	1	25,748	
CITY TOTAL	1	25,748	
STATE TOTAL	1	25,748	
TEXAS			
HOUSTON			
BAYLOR COLLEGE OF MEDICINE			
CB53904-00	BUTEL, JANET S	EFFECTS OF NUCLEIC ACID PREPS ON MAMMARY CARCINOMAS	90,000
RR52118-00	THOMPSON, H K JR	DEVELOP AND EVALUATE CLINICAL RESEARCH DATA SYSTEM	65,583
INSTITUTION TOTAL	2	155,583	
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS SYSTEM CANCER CENTER			
CM53832-00	BODEY, GERALD P	QUANTITATIVE EVALUATION OF PROTECTED ENVIRONMENT	550,000
INSTITUTION TOTAL	1	550,000	
CITY TOTAL	3	705,583	
STATE TOTAL	3	705,583	
VIRGINIA			
ALEXANDRIA			
INFORMATION RESEARCH AND TECHNOLOGY			
LM54714-00		MAINTAIN AND UPDATE TOXICOLOGY DATA BANK	111,112
INSTITUTION TOTAL	1	111,112	
CITY TOTAL	1	111,112	
RICHMOND			
VIRGINIA COMMONWEALTH UNIVERSITY			
CN55165-00	JACKSON, ROBERT	VIRGINIA CEPVICAL CANCER SCREENING PROGRAM	316,542
INSTITUTION TOTAL	1	316,542	

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
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CITY TOTAL	1	316,542	
STATE TOTAL	2	427,654	

WEST VIRGINIA
AUGUSTA
MOUNT PLEASANT BOOKBINDER
LM54712-00

REPAIR, RESTORATION AND CUSTOM REBINDING OF RARE BOOKS

4,000

INSTITUTION TOTAL	1	4,000	
CITY TOTAL	1	4,000	
STATE TOTAL	1	4,000	
TOTAL	37	6,751,703	

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH	PROGRAM
CALIFORNIA LOS ANGELES UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT LOS ANGELES H100052-01	BARNARD, R JAMES	EFFECT OF ACUTE AND CHRONIC EXERCISE ON THE HEART	K04
INSTITUTION TOTAL	1		
CITY TOTAL	1		
SAN FRANCISCO UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT SAN FRANCISCO	ADLER, DONALD	BILIARY LIPID SECRETION AND LIPOPROTEIN METABOLISM	K08
AM00132-01	SIEGEL, ROBERT C	PATHOGENESIS OF CONNECTIVE TISSUE DISEASE	K04
AM00114-01	TYBERG, JOHN V	AN ANALYSIS OF ISCHEMIC DYSFUNCTION	K04
H100016-01	WOLINSKY, J	PATHOGENESIS OF ACUTE/CHRONIC CNS MYXOVIRUS DISEASES	K07
NS11070-01			
INSTITUTION TOTAL	4		
CITY TOTAL	4		
STANFORD STANFORD UNIVERSITY NS11075-01	PEDLEY, TIMOTHY A	EPILEPTOGENESIS AND NEURAL PLASTICITY	K07
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	6		
COLORADO DENVER UNIVERSITY OF COLORADO MEDICAL CENTER CA00050-01	FINK, LOUIS M	TRANSFORMATION OF CELLS BY CHEMICAL CARCINOGENS	K04
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	1		
CONNECTICUT FARMINGTON UNIVERSITY OF CONNECTICUT HEALTH CENTER DE00015-01	KOLAKOWSKI, DONALD I	GENETICS OF THE HUMAN DENTITION IN SEVERAL POPULATIONS	K04
INSTITUTION TOTAL	1		

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH	PROGRAM
CITY TOTAL	1		
CONNECTICUT			
MIDDLETOWN			
WESLEYAN UNIVERSITY			
GM00140-01	WOLFE, JASON S	THE DIVISION/DIFFERENTIATION DECISION-FOCUS ON 31	K04
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	2		
FLORIDA			
MIAMI			
UNIVERSITY OF MIAMI			
GM00147-01	BREW, KEITH	CHEMICAL STUDIES OF ENZYMES AND PROTEINS	K04
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	1		
IDAHO			
MOSCOW			
UNIVERSITY OF IDAHO			
HD00038-01	WILLIETT, JAMES D	HORMONES & HORMONAL SYSTEMS IN NEMATODES	K04
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	1		
ILLINOIS			
EVANSTON			
NORTHWESTERN UNIVERSITY			
NS11072-01	WIGHTMAN, FREDERIC I	PITCH PERCEPTION	K07
INSTITUTION TOTAL	1		
CITY TOTAL	1		

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH	PROGRAM
ILLINOIS MAYWOOD LOYOLA UNIVERSITY MEDICAL CENTER GM00113-01	STODOLSKY, MARVIN	BACTERIAL GENE ACQUISITION BY PROPHAGE PL	K04
INSTITUTION TOTAL	1		
CITY TOTAL	1		
UREANA UNIVERSITY OF ILLINOIS SYSTEM--UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN CA00092-01	WEBER, MICHAEL J	EARLY CELL-SURFACE CHANGES IN VIFAL ONCOGENESIS	K04
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	3		
IOWA IOWA CITY UNIVERSITY OF IOWA DE00001-01	HOCK, JANET M	MICROCIRCULATORY FUNCTION IN EARLY GINGIVAL INFLAMMATION	K04
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	1		
KANSAS KANSAS CITY UNIVERSITY OF KANSAS HD00026-01	BELMONT, JOHN M	CHILDREN'S INFORMATION-PROCESSING STRATEGY DECISIONS	K04
INSTITUTION TOTAL	1		
CITY TOTAL	1		
LAWRENCE UNIVERSITY OF KANSAS GM00102-01	MC CHESNEY, JAMES D	GROWTH/DEVELOPMENT AND BIOLOGICALLY ACTIVE TERPENOIDS	K04
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	2		

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH	PROGRAM
MARYLAND BALTIMORE JOHNS HOPKINS UNIVERSITY A100043-01 NS11071-01	GILLESPIE, ELIZABETH ZEE, DAVID S	ROLE OF MICROTUBULES IN ALLERGY MECHANISMS OF HUMAN VESTIBULAR AND OCULOMOTOR DISORDERS	K04 K07
INSTITUTION TOTAL CITY TOTAL STATE TOTAL	2 2 2		
MASSACHUSETTS BCSTON BOSTON UNIVERSITY H100050-01	BRECHER, PETER I	ANGIOTENSIN ACTION ON TARGET TISSUES	K04
INSTITUTION TOTAL	1		
HARVARD UNIVERSITY A100084-01 NS11081-01	GOLDSTEIN, RICHARD M MOSKOWITZ, MICHAEL A	MORPHOGENESIS AND GENE CONTROL OF SATELLITE PHASE P4 AMPHETAMINE TOXICITY AND BRAIN PROTEIN SYNTHESIS	K04 K07
INSTITUTION TOTAL CITY TOTAL	2 3		
WALTHAM BRANDEIS UNIVERSITY GM00092-01	HONG, JEN-SHIANG	BIOCHEMISTRY AND GENETICS OF MEMBRANE FUNCTIONS	K04
INSTITUTION TOTAL CITY TOTAL STATE TOTAL	1 1 4		
MISSOURI SAINT LOUIS ST. LOUIS UNIVERSITY GM00098-01	MAERS, BARRY L	MEMBRANE DEVELOPMENT: A BIOCHEMICAL GENETICS APPROACH	K04
INSTITUTION TOTAL CITY TOTAL	1 1		

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH	PROGRAM
MISSOURI UNIVERSITY CITY			
WASHINGTON UNIVERSITY			
NS11074-01	DODSON, WILLIAM E	METABOLISM OF ANTICONVULSANTS	K07
AI00041-01	WEDNER, H JAMES	CYCLIC NUCLEOTIDES AND LYMPHOCYTE ACTIVATION	K04
INSTITUTION TOTAL	2		
CITY TOTAL	2		
STATE TOTAL	3		
NEW JERSEY PRINCETON			
PRINCETON UNIVERSITY			
3M00063-01	KIRSCHNER, MARC W	MECHANISM OF MICROTUBULE ASSEMBLY AND MITOSIS	K04
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	1		
NEW YORK COLD SPRING HARBOR			
COLD SPRING HARBOR			
GM00127-01	LABORATORY OF QUANTITATIVE BIOLOGY BUKHARI, AHMAD I	THE LIFE CYCLE OF MUTATOR PHAGE MU	K04
INSTITUTION TOTAL	1		
CITY TOTAL	1		
NEW YORK CITY UNIVERSITY OF NEW YORK--MOUNT SINAI SCHOOL OF MEDICINE			
HL00053-01	KIRCHBERGER, MADELINE A REGULATION OF CARDIAC SR CA2+-PUMP BY PROTEIN KINASE		K04
INSTITUTION TOTAL	1		
CORNELL UNIVERSITY MEDICAL COLLEGE			
NS11089-01	COLLINS, ROBERT C	CEREBRAL ENERGY METABOLISM IN FOCAL SEIZURES	K07
INSTITUTION TOTAL	1		
HOSPITAL FOR SPECIAL SURGERY			
DE00002-01	BOSKEY, ADELE L	MECHANISM OF TOOTH & BONE MINERALIZATION	K04
INSTITUTION TOTAL	1		

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH	PROGRAM
NEW YORK NEW YORK ROCKEFELLER UNIVERSITY HL00110-01	GILULA, NORTON B	CELL MEMBRANE INTERACTIONS AND COMMUNICATION	K04
INSTITUTION TOTAL	1		
SLOAN-KETERING INSTITUTE FOR CANCER RESEARCH CA00127-01	MARQUARDT, HANS W	CHEMICALLY INDUCED MALIGNANT TRANSFORMATION IN VITRO	K04
INSTITUTION TOTAL	1		
YESHIVA UNIVERSITY GM00024-01	HENRY, SUSAN A	GENETICS AND DEVELOPMENT OF YEAST MEMBRANE MUTANTS	K04
INSTITUTION TOTAL	1		
CITY TOTAL	6		
STATE TOTAL	7		
NORTH CAROLINA CHAPEL HILL UNIVERSITY OF NORTH CAROLINA SYSTEM--UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL HL00081-01 3M00126-01	COOPER, HERBERT A EDGELL, MARSHALL H	HEMOPHILIA AND VON WILLEBRAND'S DISEASE EUKARYOTIC GENE ORGANIZATION	K04 K04
INSTITUTION TOTAL	2		
CITY TOTAL	2		
DURHAM DUKE UNIVERSITY HL00039-01 GM00041-01	BACHE, ROBERT J RICHARDSON, DAVID C	THE RESPONSE OF THE CORONARY VASCULATURE TO ISCHEMIA X-RAY CRYSTALLOGRAPHY OF SUPEROXIDE DISMUTASES	K04 K04
INSTITUTION TOTAL	2		
CITY TOTAL	2		
STATE TOTAL	4		
OHIO COLUMBUS OHIO STATE UNIVERSITY GM00052-01	MARZLUF, GEORGE A	GENE EXPRESSION AND ENZYME SYNTHESIS IN NEUROSPORA	K04

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH	PROGRAM
OHIO COLUMBUS OHIO STATE UNIVERSITY GM00051-01	ROYER, GARFIELD P	ENZYME IMMOBILIZATION FOR CONFORMATION CHANGE DETECTION	K04
INSTITUTION TOTAL	2		
CITY TOTAL	2		
STATE TOTAL	2		
PENNSYLVANIA PHILADELPHIA UNIVERSITY OF PENNSYLVANIA NS11083-01	SELZER, MICHAEL E	SYNAPTIC TRANSMISSION IN LAMPREY CNS	K07
INSTITUTION TOTAL	1		
WISTAR INSTITUTE OF ANATOMY AND BIOLOGY CA00143-01	CROCE, CARLO M	GENETICS OF CELL TRANSFORMATION	K04
INSTITUTION TOTAL	1		
CITY TOTAL	2		
PITTSBURGH UNIVERSITY OF PITTSBURGH GM00091-01	COOPER, TERRANCE J	SYNTHESIS AND ASSEMBLY OF ENZYMES IN EUKARYOTES	K04
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	3		
RHODE ISLAND PROVIDENCE BROWN UNIVERSITY 3M00044-01 GM00036-01	DAHLBERG, ALBERT E GERBBI, SUSAN A	RIBOSOME STRUCTURE AND FUNCTION FINE STRUCTURE OF RNA	K04 K04
INSTITUTION TOTAL	2		
CITY TOTAL	2		
STATE TOTAL	2		

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH	PROGRAM
TENNESSEE KNOXVILLE UNIVERSITY OF TENNESSEE SYSTEM--UNIVERSITY OF TENNESSEE AT KNOXVILLE G400094-01	BECKER, JEFFREY M	PEPTIDE TRANSPORT IN YEAST AND TISSUE CULTURE	K04
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	1		
TEXAS DALLAS UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT DALLAS A10C051-01	HOLMES, RANDALL K	CONTROL OF BACTERIAL TOXINS BY VIRUSES AND PLASMIDS	K04
INSTITUTION TOTAL	1		
CITY TOTAL	1		
GALVESTON UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS MEDICAL BRANCH AT GALVESTON A100110-01	GRANT, J ANDREW	COMPLEMENT-INDUCED RELEASE OF INFLAMMATORY MEDIATORS	K07
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	2		
VIRGINIA CHARLOTTESVILLE UNIVERSITY OF VIRGINIA A100062-01	TAYLOR, RONALD P	QUANTITATIVE STUDIES OF BIOLOGICAL RECOGNITION	K04
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	1		
WASHINGTON SEATTLE UNIVERSITY OF WASHINGTON CA00048-01	WEISS, NOEL S	MENOPAUSAL ESTROGENS AND THE EPIDEMIOLOGY OF CANCER	K04
INSTITUTION TOTAL	1		

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH	PROGRAM
CITY TOTAL	1		
STATE TOTAL	1		
WISCONSIN			
MADISON			
UNIVERSITY OF WISCONSIN SYSTEM--UNIVERSITY OF WISCONSIN-MADISON			
GM00150-01	BLATTNER, FREDERICK R	REGULATORY SITE IN PRO- AND EUKARYOTIC GENOMES	K04
AT00020-01	MC CLAIN, WILLIAM H	BIOSYNTHESIS & FUNCTION OF MOLECULAR GENETICS OF T-RNA	K04
INSTITUTION TOTAL	2		
CITY TOTAL	2		
STATE TOTAL	2		
TOTAL	52		

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
CONSTRUCTION GRANTS

GRANT NUMBER RESPONSIBLE OFFICIAL PURPOSE OF GRANT DOLLARS AWARDED

NEW YORK			
NEW YORK			
SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH			
CA16596-01	GOOD, ROBERT A	REMODELING CANCER FACILITY	199,612
INSTITUTION TOTAL	1	199,612	
CITY TOTAL	1	199,612	
STATE TOTAL	1	199,612	
TOTAL	1	199,612	

DEPARTMENT OF
HEALTH, EDUCATION, AND WELFARE
PUBLIC HEALTH SERVICE
NATIONAL INSTITUTES OF HEALTH
BETHESDA, MD. 20014

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REPORT 19M

U.S. DEPARTMENT OF
HEALTH, EDUCATION, AND WELFARE
Public Health Service

U.S. NATIONAL INSTITUTES OF HEALTH
Division of Research Grants.

NEW GRANTS AND AWARDS

Arranged by State, City and Institution

Announced During

JULY 1975

PREPARED BY

U.S. NATIONAL INSTITUTES OF HEALTH.

DIVISION OF RESEARCH GRANTS

STATISTICS AND ANALYSIS BRANCH

C O N T E N T S

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SYMBOLS USED TO IDENTIFY THE SUPPORTING INSTITUTE OR DIVISION

AG	NATIONAL INSTITUTE ON AGING
AI	NATIONAL INSTITUTE OF ALLERGY AND INFECTIOUS DISEASES
AM	NATIONAL INSTITUTE OF ARTHRITIS, METABOLISM, AND DIGESTIVE DISEASES
CA	NATIONAL CANCER INSTITUTE
CA	DIVISION OF CANCER RESEARCH RESOURCES AND CENTERS
CB	DIVISION OF CANCER BIOLOGY AND DIAGNOSIS
CM	DIVISION OF CANCER TREATMENT
CN	OFFICE OF CANCER CONTROL
CO	OFFICE OF THE DIRECTOR, NCI
CP	DIVISION OF CANCER CAUSE AND PREVENTION
CL	CLINICAL CENTER
CT	DIVISION OF COMPUTER RESEARCH AND TECHNOLOGY
DE	NATIONAL INSTITUTE OF DENTAL RESEARCH
ES	NATIONAL INSTITUTE OF ENVIRONMENTAL HEALTH SCIENCES
EY	NATIONAL EYE INSTITUTE
GM	NATIONAL INSTITUTE OF GENERAL MEDICAL SCIENCES
HD	NATIONAL INSTITUTE OF CHILD HEALTH AND HUMAN DEVELOPMENT
HL	NATIONAL HEART AND LUNG INSTITUTE
HB	DIVISION OF BLOOD DISEASES AND RESOURCES
HI	DIVISION OF INTRAMURAL RESEARCH
HO	OFFICE OF THE DIRECTOR, NHLI
HR	DIVISION OF LUNG DISEASES
HV	DIVISION OF HEART AND VASCULAR DISEASES
JT	JOINT CONTRACT SPONSORSHIP
LM	NATIONAL LIBRARY OF MEDICINE
NS	NATIONAL INSTITUTE OF NEUROLOGICAL DISEASES AND STROKE
OD	OFFICE OF THE DIRECTOR, NIH
RG	DIVISION OF RESEARCH GRANTS
RR	DIVISION OF RESEARCH RESOURCES
RS	DIVISION OF RESEARCH SERVICES
TW	FOGARTY INTERNATIONAL CENTER

GRANTS AND AWARDS ANNOUNCED DURING JULY 1975

T/D	RESEARCH GRANTS*		RESEARCH CAREER PROGRAM AWARDS		R & D CONTRACTS		TRAINING GRANTS		FELLOWSHIP AWARDS		CONSTRUCTION GRANTS		MEDICAL LIBRARY GRANTS		OTHER AWARDS	
	NUMBER	AMOUNT	NUMBER	AMOUNT	NUMBER	AMOUNT	NUMBER	AMOUNT	NUMBER	AMOUNT	NUMBER	AMOUNT	NUMBER	AMOUNT	NUMBER	AMOUNT
AG							2	95,000								
AI	8	307,455	1	25,000			3	92,735	102	1,114,630						
AM	35	1,449,095	6	140,951			67	1,985,804	43	515,734						
CA	42	2,265,232					3	139,302	11	120,935						
DE	3	97,830							27	294,200						
ES	10	728,441	3	65,570			7	673,474	30	343,700						
EY	33	887,939	14	345,820			22	1,063,167	49	544,639						
GM									36	368,500						
HD	36	2,202,688					9	807,037	15	168,038						
HL	32	2,663,212	1	10,440			65	4,333,610	96	1,114,716						
IM							1	69,420					9	40,006		
NS							6	426,642	1	19,350						
RR	1	78,431					2	87,492								
TW	200	10,680,323	25	596,781			187	9,773,683	73	1,036,121			9	40,006		
									483	5,640,563						

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
ALABAMA BIRMINGHAM UNIVERSITY OF ALABAMA IN BIRMINGHAM EY01338-01A1	HICKEY, TERRY L	DEVELOPMENT OF THE RETINOGENICULATE SYSTEM	20,155
INSTITUTION TOTAL	1		20,155
CITY TOTAL	1		
MOBILE UNIVERSITY OF SOUTH ALABAMA AM18A15-01	GOPDON, ALLEN R	REGULATION OF TENSION IN SMOOTH MUSCLE	44,628
INSTITUTION TOTAL	1		44,628
CITY TOTAL	1		44,628
STATE TOTAL	2		64,783
ARIZONA TUCSON UNIVERSITY OF ARIZONA ES01005-01 CA18273-01	CARTER, DEAN E GERNER, EUGENE W	APPROACHES TO TREATMENTS OF METHYL MERCURY TOXICITY RADIATION INDUCED DEFECTS IN CELL KINETICS	26,774 21,715
INSTITUTION TOTAL	2		48,489
CITY TOTAL	2		48,489
STATE TOTAL	2		48,489
ARKANSAS LITTLE ROCK UNIVERSITY OF ARKANSAS MEDICAL CENTER HD09944-01	FISER, ROBERT H, JR	STUDIES OF INSULIN RESISTANCE IN ADOLESCENT OBESITY	30,983
INSTITUTION TOTAL	1		30,983
CITY TOTAL	1		30,983
STATE TOTAL	1		30,983
CALIFORNIA BERKELEY UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT BERKELEY EY01081-01	COHN, THEODORE E	THE DETECTION OF VISUAL SIGNALS	7,496
INSTITUTION TOTAL	1		7,496

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH GRANTS *

DOLLARS
AWARDED

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	
CITY TOTAL	1	7,496	
CALIFORNIA			
DAVIS			
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT DAVIS			
EY01495-01	SCOBEY, ROBERT P	DETECTION OF VISUAL IMAGE DISPLACEMENTS	27,936
INSTITUTION TOTAL	1	27,936	
CITY TOTAL	1	27,936	
IRVINE			
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT IRVINE			
HL18773-01	ISERI, LLOYD T	EMERGENCY PACING IN PRE-HOSPITAL CARDIAC ARREST	23,546
INSTITUTION TOTAL	1	23,546	
CITY TOTAL	1	23,546	
LA JOLLA			
SALK INSTITUTE FOR BIOLOGICAL STUDIES			
HD09690-01	GUILLEMIN, ROGER C	NEUROENDOCRINOLOGY OF REPRODUCTION AND GROWTH	561,112
AM18811-01	GUILLEMIN, ROGER C	BRAIN PEPTIDES ON PITUITARY FUNCTIONS & IN DIABETES	227,377
INSTITUTION TOTAL	2	788,489	
CITY TOTAL	2	788,489	
LOS ANGELES			
CEDARS-SINAI MEDICAL CENTER			
CA18362-01	BRAUNSTEIN, GLENN D	IMMUNODIAGNOSIS OF CANCER WITH CHORIONIC GONADOTROPIN	32,409
INSTITUTION TOTAL	1	32,409	
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT LOS ANGELES			
HD09409-01	BROWN, JOSIAH	DIABETIC PREGNANCY FETAL ANOMALIES CAUSE, PREVENTION	38,419
AM18668-01	DI STEFANO, JOSEPH J, III	DYNAMICS OF THYROID HORMONE DISTRIBUTION AND METABOLISM	25,620
AM17924-01	MARCUS, ROBERT A	CYCLIC NUCLEOTIDE REGULATION IN BONE	25,470
HD08927-01	ZAMENHOP, STEPHEN	CHRONIC UNDERNUTRITION AND BRAIN DEVELOPMENT	38,553
INSTITUTION TOTAL	4	128,062	
UNIVERSITY OF SOUTHERN CALIFORNIA			
EY01513-01	BISHOP, LEWIS G	NEUROPHYSIOLOGY OF AN OPTOMOTOR RESPONSE	45,892

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RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CALIFORNIA LOS ANGELES UNIVERSITY OF SOUTHERN CALIFORNIA HL17402-01	SCHIFFMAN, SANDRA	MECHANISM OF CONTACT ACTIVATION OF INTRINSIC CLOTTING	20,488
INSTITUTION TOTAL	2	66,380	
CITY TOTAL	7	226,851	
SAN FRANCISCO UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT SAN FRANCISCO	NEWMAN, LUCILE F	A CONFERENCE ON THE FIRST CHILD AND FAMILY FORMATION	13,763
HD09941-01	O'CONNOR, G RICHARD	INFLAMMATORY DISEASES OF THE EYE: CORE SUPPORT	66,292
EY01597-01	OSTLER, HOWARD B	OCULAR ZOONOSSES: THE CHLAMYDIAL INFECTIONS	33,031
EY01205-01A1	PIPER, WALTER N	LEAD TOXICITY RELATED TO HEME BIOSYNTHESIS	30,970
ES01343-01			
INSTITUTION TOTAL	4	144,056	
CITY TOTAL	4	144,056	
SANTA BARBARA UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT SANTA BARBARA	ENGLEBERG, ELLIS	THE HUMAN LYMPHOCYTE AND LYMPHOBLAST	22,000
CA18644-01			
INSTITUTION TOTAL	1	22,000	
CITY TOTAL	1	22,000	
STANFORD STANFORD UNIVERSITY	COOPER, ALLEN D	REGULATION OF HEPATIC CHOLESTEROL SYNTHESIS	23,611
AM18774-01	INKELES, ALEX	SUBJECTIVE EXPERIENCE AND NATALITY IN SIX COUNTRIES	34,546
HD08950-01	MACCUBY, ELEANOR E	BASIC PROCESSES IN COGNITIVE AND SOCIAL DEVELOPMENT	150,964
HD09814-01	MILLER, WARREN B	PSYCHOLOGICAL ASPECTS OF FERTILITY TERMINATION	67,359
HD08621-01			
INSTITUTION TOTAL	4	276,480	
CITY TOTAL	4	276,480	
STATE TOTAL	21	1,516,854	
CONNECTICUT HARTFORD UNIVERSITY OF CONNECTICUT HEALTH CENTER	NUKI, KLAUS	BLOOD VESSEL RESPONSE IN EARLY PERIODONTAL DISEASE	39,048
DE04389-01			
INSTITUTION TOTAL	1	39,048	

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CITY TOTAL	1	39,048	
CONNECTICUT			
NEW HAVEN			
YALE UNIVERSITY			
AM18897-01	CONN, HAROLD O	DISTAL SPLENORENAL VS PORTAL SYSTEMIC ANASTOMOSIS	28,494
AM18360-01	SAHA, SUBRATA	A NEW METHOD TO MEASURE THE RATE OF FRACTURE HEALING	19,118
INSTITUTION TOTAL	2	47,612	
CITY TOTAL	2	47,612	
STORRS			
UNIVERSITY OF CONNECTICUT			
HD08933-01A1	SACHS, BENJAMIN D	ANALYSIS OF MASCLINE BEHAVIOR	26,290
INSTITUTION TOTAL	1	26,290	
CITY TOTAL	1	26,290	
STATE TOTAL	4	112,950	
DIST OF COL			
WASHINGTON			
GEORGE WASHINGTON UNIVERSITY			
CA18143-01	BRADLEY, EILEEN W	LATE EFFECTS OF FAST NEUTRONS ON CORD-BRAIN-LUNG	408,728
EY01511-01	OLSON, MARK D	THE FINE STRUCTURAL DEVELOPMENT OF BRUCH'S MEMBRANE	23,883
INSTITUTION TOTAL	2	432,611	
INTERNATIONAL ASSOCIATION FOR THE STUDY OF PAIN			
CA18731-01	BONICA, JOHN J	FIRST INTERNATIONAL SYMPOSIUM ON CANCER PAIN	13,585
INSTITUTION TOTAL	1	13,585	
UNIVERSITIES RESEARCH ASSOCIATION			
CA18081-01	COHEN, LIONEL	PERMILAB NUCLEON THERAPY FACILITY	279,100
INSTITUTION TOTAL	1	279,100	
CITY TOTAL	4	725,296	
STATE TOTAL	4	725,296	

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
FLORIDA			
GAINESVILLE			
STATE UNIVERSITY OF FLORIDA SYSTEM--UNIVERSITY OF FLORIDA			
FLORIDA BANK		STRUCTURAL FACTORS IN PEPSTIN-PEPSTIN INHIBITOR BINDING	36,447
FL03682-01A1	WITZGERALD, BEN H	PHOTOCOAGULATION TREATMENT OF MACULOPATHY	26,752
FL01376-01	MC CASEY, BERNARD E	AN IMPROVED CORNEAL EYE BANK STORAGE TECHNIQUE	26,716
FL01580-01	WETCALP, JOSEPH F	ULTRASTRUCTURAL STUDIES OF DISCIFORM KERATITIS	19,592
FL11825-01A1	PALENK, GUS J	ULTRASTRUCTURAL STUDIES OF ANTIHISTAMINES AND ANTIBIOTICS	29,136
INSTITUTION TOTAL	5		118,547
CITY TOTAL	5		118,547
MIAMI			
UNIVERSITY OF MIAMI			
HD09006-01	BRICKER, DIANE D	LANGUAGE RESEARCH WITH YOUNG RETARDED CHILDREN	66,621
HL18769-01	MYERBURG, ROBERT J	STUDIES IN SURVIVORS OF LETHAL ARRHYTHMIAS	97,754
INSTITUTION TOTAL	2		164,375
CITY TOTAL	2		164,375
STATE TOTAL	7		282,922
GEORGIA			
ATLANTA			
EMORY UNIVERSITY			
CA17528-01	FRITZ, ROBERT B	NUCLEAR PROTEINS AND MALIGNANCY	26,380
INSTITUTION TOTAL	1		26,380
CITY TOTAL	1		26,380
STATE TOTAL	1		26,380
ILLINOIS			
CHICAGO			
ILLINOIS COLLEGE OF OPTOMETRY			
EY01444-01A1	CHINO, YUZO M	STEREOPSIS IN ANIMALS	24,871
INSTITUTION TOTAL	1		24,871
UNIVERSITY OF CHICAGO			
CA18343-01	ELKIND, MORTIMER M	HEMOLYSIS THERAPY FACILITY-INITIAL BIOLOGY PROGRAM	46,252
CA18375-01	GOLDWASSER, EUGENE	HEMOPOIETIC STEM CELLS AND INDUCED DIFFERENTIATION	17,225
INSTITUTION TOTAL	2		63,477

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
ILLINOIS CHICAGO UNIVERSITY OF ILLINOIS SYSTEM--UNIVERSITY OF ILLINOIS AT THE MEDICAL CENTER HL18794-01 EY04446-01	ROSEN, KENNETH M SANDERS, DONALD R	PROSPECTIVE STUDIES OF CONDUCTION DISEASE A BIOCHEMICAL CLASSIFICATION FOR CATARACTOUS LENSES	64,575 7,500
INSTITUTION TOTAL CITY TOTAL	2 5	72,075 160,423	
STATE TOTAL	5	160,423	
INDIANA INDIANAPOLIS INDIANA UNIVERSITY SYSTEM--INDIANA UNIVERSITY AT INDIANAPOLIS HL18795-01	WATANABE, AUGUST M	ISCHEMIC ARRHYTHMIAS: EFFECT OF AUTONOMIC TONE	50,000
INSTITUTION TOTAL CITY TOTAL	1 1	50,000 50,000	
WEST LAFAYETTE PURDUE UNIVERSITY ES01123-01	MENNEAR, JOHN H	STUDIES ON THE PANCREATOXIC EFFECTS OF CADMIUM	39,216
INSTITUTION TOTAL CITY TOTAL	1 1	39,216 39,216	
STATE TOTAL	2	89,216	
IOWA AMES IOWA STATE UNIVERSITY OF SCIENCE AND TECHNOLOGY HD08698-01	WAGNER, WILLIAM C	EFFECT OF ACTH OR STEROIDS ON GONADAL FUNCTION	49,179
INSTITUTION TOTAL CITY TOTAL	1 1	49,179 49,179	
IOWA CITY UNIVERSITY OF IOWA CA18017-01 -CA18102-01 AM17867-01	CAPLAN, RICHARD M DEGOWIN, RICHARD L LATA, GENE F	CLINICAL CANCER EDUCATION PROGRAM CANCER THERAPY AND THE HEMOPOIETIC MICROENVIRONMENT MOLECULAR INTERACTIONS OF STEROID HORMONES	194,354 34,429 16,808

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
IOWA IOWA CITY UNIVERSITY OF IOWA CA18555-01	PIETRZYK, DONALD J	SEPARATION AND DETERMINATION OF CARCINOGENS	30,510
INSTITUTION TOTAL	4	276,101	
CITY TOTAL	4	276,101	
STATE TOTAL	5	325,280	
KANSAS KANSAS CITY UNIVERSITY OF KANSAS ES01142-01 AI13186-01	KLAASSEN, CURTIS D PIERCE, GEORGE E	CADMIUM TOXICOLOGY IN VITRO MONITORING OF HUMAN RENAL ALLOGRAFT REJECTION	48,605 40,000
INSTITUTION TOTAL	2	88,605	
CITY TOTAL	2	88,605	
LAWRENCE UNIVERSITY OF KANSAS AI12820-01	BULLER, CLARENCE S	VIRUS INDUCED CHANGES IN MEMBRANE FUNCTION	26,197
INSTITUTION TOTAL	1	26,197	
CITY TOTAL	1	26,197	
MANHATTAN KANSAS STATE UNIVERSITY OF AGRICULTURE AND APPLIED SCIENCE AM18320-01	ROCHE, THOMAS E	REGULATION OF LIVER AND BRAIN PYRUVATE DEHYDROGENASE	34,699
INSTITUTION TOTAL	1	34,699	
CITY TOTAL	1	34,699	
STATE TOTAL	4	149,501	
KENTUCKY LOUISVILLE UNIVERSITY OF LOUISVILLE EY01704-01	PORTS, ALBERT M	PATHOPHYSIOLOGICAL STUDIES ON OPTIC NERVE	66,640
INSTITUTION TOTAL	1	66,640	
CITY TOTAL	1	66,640	

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
STATE TOTAL	1	66,640	
MAINE			
BRUNSWICK			
BOWDOIN COLLEGE			
HD09557-01	KERTZER, DAVID I	SOCIAL CHANGE IN AN URBANIZING ITALIAN PARISH	10,943
INSTITUTION TOTAL	1	10,943	
CITY TOTAL	1	10,943	
PORTLAND			
UNIVERSITY OF MAINE SYSTEM--UNIVERSITY OF MAINE			
HD09368-01	BONNER, R ALAN	INFANT CARDIORESPIRATORY REFLEXES SIDS MODEL	32,958
INSTITUTION TOTAL	1	32,958	
CITY TOTAL	1	32,958	
STATE TOTAL	2	43,901	
MARYLAND			
BALTIMORE			
JOHNS HOPKINS UNIVERSITY			
CA18053-01	PENSELAU, ALLAN H	KETONE BODY UTILIZATION BY MALIGNANT HEPATOMAS	26,135
HL18799-01	GREENE, HARRY L	ISCHEMIA-INDUCED CARDIAC-ELECTRICAL INSTABILITY	62,122
RR00928-01	STRANDBERG, JOHN D	ANIMAL RESOURCE IMPROVEMENT	78,431
HD08061-01A1	TYSON, JOHN E	HUMAN FETAL HOMEOSTASIS: OSMOREGULATION BY PROLACTIN	29,275
INSTITUTION TOTAL	4	195,963	
CITY TOTAL	4	195,963	
CATONSVILLE			
UNIVERSITY OF MARYLAND SYSTEM--UNIVERSITY OF MARYLAND			
HD09549-01	ROTH, THOMAS F	SELECTIVE PROTEIN UPTAKE IN DEVELOPING OOCYTES	22,390
INSTITUTION TOTAL	1	22,390	
CITY TOTAL	1	22,390	
STATE TOTAL	5	218,353	
MASSACHUSETTS			
AMHERST			
AMHERST COLLEGE			
EY01662-01	GEORGE, STEPHEN A	VISION IN TRIPLOID ANIMALS	7,196

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
INSTITUTION TOTAL	1	7,196	
MASSACHUSETTS AMHERST UNIVERSITY OF MASSACHUSETTS SYSTEM--UNIVERSITY OF MASSACHUSETTS AT AMHERST HL17878-01	BRANDTS, JOHN F	STRUCTURAL STUDIES OF THE HUMAN ERYTHROCYTE MEMBRANE	42,752
INSTITUTION TOTAL	1	42,752	
CITY TOTAL	2	49,948	
BOSTON BOSTON HEALTH AND HOSPITALS DEPARTMENT--BOSTON CITY HOSPITAL HL18347-01	WHITCOMB, MICHAEL E	ALVEOLAR MACROPHAGE FUNCTION IN CELLULAR IMMUNITY	30,000
INSTITUTION TOTAL	1	30,000	
BOSTON UNIVERSITY HD07980-01A1	WOTIZ, HERBERT	METABOLISM OF A LONG ACTING ORAL CONTRACEPTIVE	33,500
INSTITUTION TOTAL	1	33,500	
CENTER FOR BLOOD RESEARCH HL18825-01	BING, DAVID H	CHARACTERIZATION OF HUMAN ALPHA-1-ANTITRYPSIN	43,610
INSTITUTION TOTAL	1	43,610	
HARVARD UNIVERSITY HD08909-01 HL18783-01 CA18318-01 AI12644-01 EY01568-01 AM17304-01A1 HD09424-01	BIGGERS, JOHN D LOHN, BERNARD MATHEWS-POTH, MICHELINE M MICHELSON, EDWARD H NICHOLS, ROGER L ORF, JAMES C VILLEE, CLAUDE	THE GRAAFIAN FOLLICLE AND MEIOTIC MATURATION DETECTION AND CONTROL OF VENTRICULAR PREMATURE BEATS CAROTENOIDS AS ANTITUMOR AGENTS FOR SKIN TUMORS ALPHA-RADIATION OF S. MANSONI SNAIL HOSTS & MIRACIDIA TYPE-SPECIFIC ANTIGEN OF CHLAMYDIA TRACHOMATIS DEUTERIOHORMONE-PROTEIN INTERACTIONS RNA-MEDIATED EFFECTS OF STEROID SEX HORMONES	42,885 78,000 23,357 29,864 30,596 23,150 24,725
INSTITUTION TOTAL	7	252,577	
MASSACHUSETTS EYE AND EAR INFIRMARY EY01537-01	DOHLMAN, CLAES H	OPHTHALMIC RESEARCH CORE FACILITIES	83,810
INSTITUTION TOTAL	1	83,810	
NEW ENGLAND MEDICAL CENTER HOSPITAL AM18767-01	ONDERDONK, ANDREW B	EXPERIMENTAL MODEL FOR ULCERATIVE COLITIS	39,655
INSTITUTION TOTAL	1	39,655	

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MASSACHUSETTS BOSTON PETER BENT BRIGHAM HOSPITAL AM18559-01	CAREY, MARTIN C	ALIMENTARY TRACT LIPIDS IN HEALTH AND DISEASE	63,307
INSTITUTION TOTAL	1		63,307
ROBERT B. BRIGHAM HOSPITAL AM18268-01	STEINBERG, JAMES	CHONDROCYTE-MATRIX INTERACTIONS IN ARTHREITIC DISEASE	44,404
INSTITUTION TOTAL	1		44,404
TUFTS UNIVERSITY AM18702-01	RESNICK, ROBERT H	DISTAL SPLENORENAL VS PORTALSYSYSTEMIC ANASTOMOSIS	37,616
INSTITUTION TOTAL	1		37,616
CITY TOTAL	15		628,479
CAMBRIDGE MASSACHUSETTS INSTITUTE OF TECHNOLOGY HD09477-01 HD09272-01	ROGERS, ROSEMARIE WEINER, MYRON	ATTITUDE CHANGE AMONG TEMPORARY MIGRANTS MIGRATION POLICIES AND DEVELOPMENT	21,685 66,811
INSTITUTION TOTAL	2		88,496
CITY TOTAL	2		88,496
SHREWSBURY WORCESTER FOUNDATION FOR EXPERIMENTAL BIOLOGY CA18595-01 HD09964-01	BPODIE, ANGELA M H SHAHKH, ABUBAKAR A	AROMATASE INHIBITORS FOR CONTROL OF BREAST CANCER CONTRACEPTION BY INDUCTION OF LUTEOLYSIS	38,975 65,788
INSTITUTION TOTAL	2		104,763
CITY TOTAL	2		104,763
WORCESTER UNIVERSITY OF MASSACHUSETTS SYSTEM--UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL HD09442-01	SMITH, M SUSAN	CONTROL OF GONADOTROPIN SECRETION DURING LACTATION	32,313
INSTITUTION TOTAL	1		32,313
CITY TOTAL	1		32,313
STATE TOTAL	22		903,999

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MICHIGAN			
ANN ARBOR			
UNIVERSITY OF MICHIGAN			
HD09071-01	FOSTER, DOUGLAS	MECHANISMS GOVERNING INITIATION OF OVULATION	30,525
AM18409-01	GUNUCIO, JORGE J	BILE SECRETION CHOLESTASIS AND MEMBRANE PROTEINS	58,205
INSTITUTION TOTAL	2		88,730
CITY TOTAL	2		88,730
DETROIT			
HENRY FORD HOSPITAL			
HL18800-01	GOLDSTEIN, SIDNEY	PROSPECTIVE STUDY OF RESUSCITATED SUDDEN DEATH VICTIM	123,730
INSTITUTION TOTAL	1		123,730
WAYNE STATE UNIVERSITY			
HD09361-01	AGER, JOEL	CONSEQUENCES OF TEEN CONTRACEPTIVE PROGRAM DROP OUT	30,856
CA18296-01	RILLEMA, JAMES A	REGULATION OF METABOLISM IN MAMMARY GLAND TUMORS	24,990
INSTITUTION TOTAL	2		55,846
CITY TOTAL	3		179,576
EAST LANSING			
MICHIGAN STATE UNIVERSITY			
AM18295-01	NADLER, KENNETH D	HEMOGLOBIN SYNTHESIS IN GLYCINE MAX NODULES	15,045
CA18133-01	WOLK, COLEMAN P	ISOLATION OF PATTERN MUTANTS IN BLUE-GREEN ALGAE	13,900
INSTITUTION TOTAL	2		28,945
CITY TOTAL	2		28,945
STATE TOTAL	7		297,251
MINNESOTA			
MINNEAPOLIS			
UNIVERSITY OF MINNESOTA			
CA18256-01	DEMPEY, MARY E	STEROL METABOLISM IN HUMAN RENAL CANCER	10,620
AM18379-01	EISENBERG, M MICHAEL	GASTROINTESTINAL/BILIARY VAGAL-GASTRIN MECHANISMS	37,735
EY01258-01A2	FOWLKS, W L	STUDIES OF THE BLOOD-VITREOUS	49,629
CA17034-01	GAJL-PECZALSKA, KAZIMIERA J	IMMUNOLOGY OF HUMAN LYMPHOID TUMORS OF B-CELL ORIGIN	33,208
HD08981-01	WANGENSTEEN, O DOUGLAS	BLOOD-GAS BARRIER STUDIES IN FETAL & NEONATAL LUNGS	27,450
INSTITUTION TOTAL	5		158,642
CITY TOTAL	5		158,642

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
STATE TOTAL	5		158,642
MISSISSIPPI			
HATTIESBURG			
UNIVERSITY OF SOUTHERN MISSISSIPPI		SYSTEMIC EFFECTS OF FRACTIONATED MAN-OF-WAR TOXIN	34,082
ES01088-01	TOOM, PAUL M		
INSTITUTION TOTAL	1		34,082
CITY TOTAL	1		34,082
STATE TOTAL	1		34,082
MISSOURI			
SAINT LOUIS			
JEWISH HOSPITAL OF ST. LOUIS		TRANSPORT AND METABOLISM IN RED BLOOD CELLS	30,955
HL17778-01	LUBOWITZ, HERBERT		
INSTITUTION TOTAL	1		30,955
ST. LOUIS UNIVERSITY			
AM18589-01	GREGORY, JOHN G	OXALATE STONE DISEASE AFTER SMALL BOWEL BYPASS	54,565
AM18779-01	KAMINSKI, DONALD L	CELL-MEMBRANE MECHANISMS CONTROLLING BILE FLOW	33,816
CA17745-01	MUNNS, THEODORE W	CHARACTERIZATION OF TRNA IN ONCOGENIC SYSTEMS	38,144
INSTITUTION TOTAL	3		126,525
CITY TOTAL	4		157,480
UNIVERSITY CITY			
WASHINGTON UNIVERSITY			
HL18808-01	OLIVER, G CHARLES	PREDICTION AND PREVENTION OF SUDDEN CARDIAC DEATH	287,169
INSTITUTION TOTAL	1		287,169
CITY TOTAL	1		287,169
STATE TOTAL	5		544,649
NEBRASKA			
OMAHA			
CREIGHTON UNIVERSITY		MAINTENANCE OF CANCER FAMILY SYNDROME RESOURCE	34,940
CA18408-01	LYNCH, HENRY T		
INSTITUTION TOTAL	1		34,940

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	
NEBRASKA			
OMAHA			
UNIVERSITY OF NEBRASKA SYSTEM--UNIVERSITY OF NEBRASKA MEDICAL CENTER			
CA17846-01	RYAN, WAYNE L	INITIATION-PROMOTION CARCINOGENESIS-ROLE OF ANTIBODY	31,267
INSTITUTION TOTAL	1		31,267
CITY TOTAL	2		66,207
STATE TOTAL	2		66,207
NEW JERSEY			
NEWARK			
COLLEGE OF MEDICINE AND DENTISTRY OF NEW JERSEY			
AM18707-01	SALEN, GERALD	THE METABOLISM OF URSODEOXYCHOLIC ACID IN MAN	31,740
INSTITUTION TOTAL	1		31,740
CITY TOTAL	1		31,740
STATE TOTAL	1		31,740
NEW YORK			
ALBANY			
UNION COLLEGE AND UNIVERSITY SYSTEM--ALBANY MEDICAL COLLEGE			
HL18796-01	HAN, JACK	EXPERIMENTAL CARDIAC ARRHYTHMIAS	41,000
EY01164-01A1	LEE, PEI-PEI	COLLAGEN TUBES FOR AQUEOUS-VEIN SHUNT	27,290
INSTITUTION TOTAL	2		68,290
CITY TOTAL	2		68,290
BUFFALO			
NEW YORK STATE DEPARTMENT OF HEALTH--ROSWELL PARK MEMORIAL INSTITUTE			
CA18646-01	EVANS, MARY J	DNA POLYMERASES IN MURINE LYMPHOID CELLS	27,006
INSTITUTION TOTAL	1		27,006
STATE UNIVERSITY OF NEW YORK AT BUFFALO			
HD10031-01	GORDON, MILDRED	RABBIT SPERM MEMBRANE DURING POSTGONADAL DIFFERENTIATION	64,982
INSTITUTION TOTAL	1		64,982
CITY TOTAL	2		91,988

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NEW YORK COLD SPRING HARBOR COLD SPRING HARBOR CA18788-01	LABORATORY WATSON, JAMES D	CONFERENCE ON CELL MOTILITY	14,500
INSTITUTION TOTAL	1		14,500
CITY TOTAL	1		14,500
ITHACA CORNELL UNIVERSITY AM17601-01A1	HOUGHT, T PICHARD	CONTROL OF FOOD INTAKE: GLUCOSTATIC AND GI FACTORS	24,532
INSTITUTION TOTAL	1		24,532
CITY TOTAL	1		24,532
NEW YORK AMERICAN HEART ASSOCIATION HL18810-01	LABARTHE, DARWIN R	TRAINING WORKSHOP IN CARDIOVASCULAR EPIDEMIOLOGY	5,539
INSTITUTION TOTAL	1		5,539
CITY UNIVERSITY OF NEW YORK--MOUNT SINAI SCHOOL OF MEDICINE HL18801-01 KATZ, ARNOLD M EY01380-01 REINACH, PETER S CA16682-01 SCHER, WILLIAM		CONTROL OF CALCIUM FLUXES ACROSS CARDIAC MEMBRANES EFFECT OF DIURETICS ON CORNEAL HYDRATION MECHANISM OF ACTION OF DMSO IN FRIEND CELL MATURATION	45,181 7,584 40,678
INSTITUTION TOTAL	3		93,443
CITY UNIVERSITY OF NEW YORK--QUEENS COLLEGE CA18394-01	MICHELS, CORINNE A	YEAST: A MODEL FOR STUDYING REGULATION IN CANCER CELLS	27,614
INSTITUTION TOTAL	1		27,614
COLUMBIA UNIVERSITY HL17552-01 BENESCH, RUTH E CA18472-01 JOHNSON, WILLIAM G EY01422-01 LIM, JONG J		SICKLING INHIBITION BY CHEMICAL HEMOGLOBIN MODIFICATION GENETIC NEURAL TUMORS: CELL SURFACE ALTERATIONS STANDING-GRADIENTS IN CORNEAL ENDOTHELIUM	28,516 33,000 7,290
INSTITUTION TOTAL	3		68,806
CORNELL UNIVERSITY MEDICAL CENTER HL18776-01 HINKLE, LAWRENCE E EY01502-01 RUBIN, ALBERT L		PREVENTION OF ACUTE AND FATAL CARDIOVASCULAR DISEASE MODIFIED COLLAGEN FOR OPHTHALMIC DRUG DELIVERY	124,534 33,075
INSTITUTION TOTAL	2		157,609

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NEW YORK NEW YORK MONTEFIORE HOSPITAL AND MEDICAL CENTER HL18030-01	PUSZKIN, ELENA G	THE ROLE OF CONTRACTILE PROTEINS IN PLATELETS	39,127
INSTITUTION TOTAL	1		39,127
NEW YORK UNIVERSITY AM18531-01 ES01120-01	GOLDSTEIN, IRA M PASTERNAK, BERNARD S	COMPLEMENT MEDIATED IMMUNOPATHOLOGY HUMAN RADIOACTIVITY DOSE STUDY	29,815 24,452
INSTITUTION TOTAL	2		54,267
POLYTECHNIC INSTITUTE OF NEW YORK HL19013-01	COPLEY, ALFRED L	FIBRINOGEN POLYMER LAYERS: RHEOLOGY & ULTRASTRUCTURE	26,000
INSTITUTION TOTAL	1		26,000
SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH CA18383-01 CA18428-01	CAVALIERI, LIEBE F TROTTER, PAUL P	MECHANISM OF REVERSE TRANSCRIPTION OF ONCORNAVIRAL RNA ADENOSINE DEAMINASE REGULATION AND ITS ROLE IN CANCER	34,270 26,000
INSTITUTION TOTAL	2		60,270
YESHIVA UNIVERSITY EY01670-01 AY12770-01	HIGHSTEIN, STEPHEN M WITTNER, MURRAY	SYNAPTIC LINKAGE OF THE RETICULO-OCULOMOTOR CIRCUITS TRYPANOSOMA CRUZI; MECHANISMS OF IMMUNE RESISTANCE	14,900 35,000
INSTITUTION TOTAL	2		49,900
CITY TOTAL	18		582,575
ROCHESTER UNIVERSITY OF ROCHESTER EY01247-01 CA18485-01 HL18208-01	CLARKSON, THOMAS W SCHLESINGER, RICHARD H WEED, ROBERT I	TRACE CONTAMINANTS/ENVIRONMENTAL HEALTH HAZARDS TO MAN A SYNTHESIS OF THE ELEMNOLIDE DILACTONE VERNOLEPIN CENTER FOR THE STUDY OF BLOOD CELL RHEOLOGY	395,770 30,435 489,543
INSTITUTION TOTAL	3		915,748
CITY TOTAL	3		915,748
SCHENECTADY UNION COLLEGE AND UNIVERSITY SYSTEM--UNION COLLEGE HD09058-01	BUTTERSTEIN, GEORGE M	PARTURITION TIME & REPRODUCTIVE DEVELOPMENT	20,020
INSTITUTION TOTAL	1		20,020

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NIH
RESEARCH GRANTS *

DOLLARS
AWARDED

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CITY TOTAL	1	20,020	
NEW YORK			
SYRACUSE			
STATE UNIVERSITY OF NEW YORK--UPSTATE MEDICAL CENTER			
AM17912-01A1	LEVINE, ROBERT A	CYCLIC NUCLEOTIDES AND MAMMALIAN GASTRIC SECRETION	32,616
EY01602-01	STEFEN, BARBARA W	THE FIBER-GEL STRUCTURE OF THE OCULAR ZONULE	40,242
INSTITUTION TOTAL	2	72,858	
CITY TOTAL	2	72,858	
UPTON			
ASSOCIATED UNIVERSITIES--BROOKHAVEN NATIONAL LABORATORY			
CA18347-01	BENNETT, GERALD W	BRAGG PEAK LOCALIZATION AND CONTROL IN VIVO	362,090
INSTITUTION TOTAL	1	362,090	
CITY TOTAL	1	362,090	
STATE TOTAL	31	2,152,601	
NORTH CAROLINA			
CHAPEL HILL			
UNIVERSITY OF NORTH CAROLINA SYSTEM--UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL			
HL17835-01	HERION, JOHN C	LEUKOCYTES AND HEMOSTASIS	55,963
AM17823-01A1	JOHNSON, CHARLES S, JR	QUASI-ELASTIC LIGHT SCATTERING STUDIES ON HEMOGLOBIN S	27,005
HL18245-01	KOEHLE, KARL A	TRANSITION STATE ANALOG INHIBITORS OF THROMBIN	30,967
INSTITUTION TOTAL	3	113,935	
CITY TOTAL	3	113,935	
DURHAM			
DUKE UNIVERSITY			
EY01607-01	SIDBURY, JAMES B, JR	DEVELOPMENTAL STUDIES OF BETA-CRYSTALLIN RE CATARACTS	33,726
INSTITUTION TOTAL	1	33,726	
CITY TOTAL	1	33,726	
STATE TOTAL	4	147,661	
OHIO			
CLEVELAND			
CASE WESTERN RESERVE UNIVERSITY			
DE04008-01	CAPLAN, ARNOLD I	CELLULAR CONTROL OF BIOLOGICAL CALCIFICATION	36,320

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NIH
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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
OHIO			
CLEVELAND			
CASE WESTERN RESERVE UNIVERSITY			
AM18603-01	SAIDEL, GERALD M	PENAL DATA ANALYSIS BY SYSTEMS MODELING	17,200
AM18019-01	ZULL, JAMES E	METABOLISM OF PARATHYROID HORMONE	22,772
INSTITUTION TOTAL	3	76,292	
CLEVELAND CLINIC HOSPITAL			
HL17435-01	NOSE, YUKIHIKO	STUDIES ON PROSTHETIC TOTAL HEART REPLACEMENT	96,430
INSTITUTION TOTAL	1	96,430	
CITY TOTAL	4	172,722	
COLUMBUS			
OHIO STATE UNIVERSITY			
HL17839-01	ALBEN, JAMES O	NEW SPECTRAL PROBES IN HEMOLYTIC ANEMIAS	23,200
HL18793-01	BASHE, WINSLOW, JR	CLINICAL-PATHOLOGIC STUDIES OF SUDDEN CARDIAC DEATH	55,374
INSTITUTION TOTAL	2	78,574	
CITY TOTAL	2	78,574	
TOLEDO			
MEDICAL COLLEGE OF OHIO AT TOLEDO			
AM18383-01	PEARLMUTTER, ANNE F	HORMONE INTERACTIONS STUDIED BY RELAXATION TECHNIQUES	31,450
INSTITUTION TOTAL	1	31,450	
CITY TOTAL	1	31,450	
STATE TOTAL	7	282,746	
OKLAHOMA			
OKLAHOMA CITY			
OKLAHOMA MEDICAL RESEARCH FOUNDATION			
CA18591-01	FLOYD, ROBERT A	CARCINOGEN FREE RADICALS IN ARYLAMINE METABOLISM	29,486
INSTITUTION TOTAL	1	29,486	
CITY TOTAL	1	29,486	
STATE TOTAL	1	29,486	

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NIH
RESEARCH GRANTS *

DOLLARS
AWARDED

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
OREGON			
EUGENE			
OREGON STATE HIGHER EDUCATION SYSTEM--UNIVERSITY OF OREGON			
EY01351-01	BECK, JACOB	VERNIER ACUITY AS AFFECTED BY ADAPTING TO GRATINGS	20,434
INSTITUTION TOTAL	1	20,434	
CITY TOTAL	1	20,434	
PORTLAND			
OREGON STATE HIGHER EDUCATION SYSTEM--UNIVERSITY OF OREGON HEALTH SCIENCES CENTER			
EY01638-01	FENEY, LYNETTE	SULFATED GLYCOLIPIDS AND AQUEOUS HUMOR SECRETION	29,630
INSTITUTION TOTAL	1	29,630	
CITY TOTAL	1	29,630	
STATE TOTAL	2	50,064	
PENNSYLVANIA			
PHILADELPHIA			
INSTITUTE FOR CANCER RESEARCH			
CA18978-01	BAHN, ANITA	CONFERENCE OF COMPREHENSIVE CANCER CENTER DIRECTORS	29,200
INSTITUTION TOTAL	1	29,200	
MEDICAL COLLEGE OF PENNSYLVANIA			
AI12756-01	LOEB, MARILYN R	VIRUS-MEDIATED CHANGES IN THE CELL SURFACE	41,250
INSTITUTION TOTAL	1	41,250	
PENNSYLVANIA COLLEGE OF OPTOMETRY			
EY00986-01A2	HIGGINS, KENT E	SUPRATHRESHOLD SPATIAL INTERACTION IN PHOTOPIC VISION	12,867
INSTITUTION TOTAL	1	12,867	
TEMPLE UNIVERSITY			
EY01469-01	HANSON, THOMAS E	DEVELOPMENTAL TOPOLOGY OF VERTEBRATE VISUAL SYSTEMS	26,957
HD08137-01A1	HOSTETLER, JOHN A	FERTILITY PATTERNS IN AN AMERICAN ISOLATE SUBCULTURE	82,300
HD09446-01	WILLIAMS, JOHN R	THE SYNTHESIS OF POSTCOITAL ORAL CONTRACEPTIVES	20,600
INSTITUTION TOTAL	3	129,857	
THOMAS JEFFERSON UNIVERSITY			
ES01121-01A1	JENSH, RONALD P	PRE- AND POSTNATAL EFFECTS OF MICROWAVE IRRADIATION	64,830
INSTITUTION TOTAL	1	64,830	

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
PENNSYLVANIA PHILADELPHIA UNIVERSITY OF PENNSYLVANIA HD09406-01 HD08555-01	BRACKETT, BENJAMIN G SNYDER, PETER J	RABBIT SPERM CAPACITATION AND FERTILIZATION CONTROL OF FSH AND LH SECRETION IN MAN	50,000 38,240
INSTITUTION TOTAL CITY TOTAL	2 9	88,240 366,244	
PITTSBURGH ALLEGHENY GENERAL HOSPITAL CA16587-01	WATERS, HAROLD	CONTROL OF HL-A EXPRESSION IN LEUKEMIA CELLS	16,100
INSTITUTION TOTAL CITY TOTAL	1 1	16,100 16,100	
STATE TOTAL	10	382,344	
RHODE ISLAND PROVIDENCE BROWN UNIVERSITY AM18686-01	CZECH, MICHAEL P	INSULIN INSENSITIVITY IN DIABETES AND OBESITY	17,181
INSTITUTION TOTAL CITY TOTAL	1 1	17,181 17,181	
STATE TOTAL	1	17,181	
SOUTH CAROLINA CHARLESTON MEDICAL UNIVERSITY OF SOUTH CAROLINA AM18115-01A1 EY01439-01 HD09938-01	BANK, HARVEY L COLES, WILLIAM H FUDENBERG, H HUGH	CRYOBIOLOGY OF ISOLATED ISLETS OF LANGERHANS ENDOTHELIAL MORPHOLOGY, ULTRASTRUCTURE AND FUNCTION GENETIC CHILDHOOD DISEASES AND AGING	40,000 28,111 183,832
INSTITUTION TOTAL CITY TOTAL	3 3	251,943 251,943	
COLUMBIA UNIVERSITY OF SOUTH CAROLINA CA18349-01	BRYSON, THOMAS A	SESQUITERPENE AND ALKALOID ANTICANCER DRUG SYNTHESIS	16,103
INSTITUTION TOTAL	1	16,103	

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CITY TOTAL	1	16,103	
STATE TOTAL	4	268,046	
SOUTH DAKOTA			
BROOKINGS			
SOUTH DAKOTA STATE UNIVERSITY			
HD08631-01	GRANHOLM, NELS H	IMPLANTATION FAILURE IN THE LETHAL YELLOW MOUSE	26,919
INSTITUTION TOTAL	1	26,919	
CITY TOTAL	1	26,919	
STATE TOTAL	1	26,919	
TENNESSEE			
KNOXVILLE			
UNIVERSITY OF TENNESSEE SYSTEM--UNIVERSITY OF TENNESSEE AT KNOXVILLE			
AM18314-01	LANGE, ROBERT D	CONTROL MECHANISMS OF HUMAN AND ANIMAL HEMATOPOIESIS	25,994
INSTITUTION TOTAL	1	25,994	
CITY TOTAL	1	25,994	
MEMPHIS			
UNIVERSITY OF TENNESSEE SYSTEM--UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES			
HL18845-01	MC GIFF, JOHN C	REGULATION OF RENAL CIRCULATION AND SALT EXCRETION	116,550
INSTITUTION TOTAL	1	116,550	
CITY TOTAL	1	116,550	
NASHVILLE			
VANDERBILT UNIVERSITY			
CA16500-01	DISABATO, GIOVANNI	LYMPHOCYTE FACTOR IN NORMAL AND LEUKEMIC MICE	10,187
AM18281-01A1	MENG, H C	ESSENTIAL FATTY ACID DEFICIENCY IN MAN AND ANIMAL	146,711
AM18525-01	WILSON, FREDERICK A	A PATHOPHYSIOLOGIC APPROACH TO THE DIARRHEAL STATES	36,867
INSTITUTION TOTAL	3	193,765	
CITY TOTAL	3	193,765	
OAK RIDGE			
OAK RIDGE ASSOCIATED UNIVERSITIES			
CA18516-01	CLOUTIER, ROGER J	SYMPOSIUM ON RADIOPHARMACEUTICAL DOSIMETRY	15,000

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DOLLARS
AWARDED

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
TENNESSEE			
OAK RIDGE			
OAK RIDGE ASSOCIATED UNIVERSITIES			
HL16757-01	GENGOZIAN, NAZARETH	'AUTOIMMUNE' THROMBOCYTOPENIA	47,300
INSTITUTION TOTAL	2	62,300	
CITY TOTAL	2	62,300	
STATE TOTAL	7	398,609	
TEXAS			
DALLAS			
BAYLOR UNIVERSITY MEDICAL CENTER			
AI13184-01	COOPER, BILLY H	METABOLISM OF PATHOGENIC-DERMATACEOUS FUNGI	19,662
INSTITUTION TOTAL	1	19,662	
CITY TOTAL	1	19,662	
GALVESTON			
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS MEDICAL BRANCH AT GALVESTON			
HL18798-01	BROWN, ARTHUR M	NERVOUS AND IONIC FACTORS IN SUDDEN CARDIAC DEATH	116,288
INSTITUTION TOTAL	1	116,288	
CITY TOTAL	1	116,288	
HOUSTON			
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON			
AI12699-01	DUPONT, HERBERT L	A STUDY OF THE ETIOLOGY OF ACUTE DIARRHEA	86,344
INSTITUTION TOTAL	1	86,344	
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS SYSTEM CANCER CENTER			
CA17817-01	CLARK, R LEE	1976 ANNUAL SYMPOSIUM ON FUNDAMENTAL CANCER RESEARCH	34,500
INSTITUTION TOTAL	1	34,500	
CITY TOTAL	2	120,844	
SAN ANTONIO			
SOUTHWEST FOUNDATION FOR RESEARCH AND EDUCATION			
ES01153-01	GREENE, NATHAN D	ENVIRONMENTAL POLLUTANTS AND ALLERGIC HYPERSENSITIVITY	34,387
INSTITUTION TOTAL	1	34,387	
CITY TOTAL	1	34,387	

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DOLLARS
AWARDED

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
STATE TOTAL	5	291,181	
UTAH			
SALT LAKE CITY			
UTAH STATE HIGHER EDUCATION SYSTEM--UNIVERSITY OF UTAH		DEFINITION OF HIGH RISK CARDIAC STATES	25,000
HL18788-01	ABILDSKOV, J A		
INSTITUTION TOTAL	1	25,000	
CITY TOTAL	1	25,000	
STATE TOTAL	1	25,000	
VIRGINIA			
CHARLOTTESVILLE			
UNIVERSITY OF VIRGINIA			
HD07750-01A1	BIGGAR, JEANNE C	MIGRATION TO SOUTHERN SMSA SUBAREAS	83,409
INSTITUTION TOTAL	1	83,409	
CITY TOTAL	1	83,409	
RICHMOND			
VIRGINIA COMMONWEALTH UNIVERSITY			
CA17840-01	CARCHMAN, RICHARD A	MECHANISM OF ACTION OF CANNABINOIDS IN NEOPLASIA	23,391
EY01442-01	GOLDBERG, STEPHEN J	INPUTS TO ABDUCENS NEURONS: AN INTRACELLULAR STUDY	7,500
CA17551-01	MUNSON, ALBERT E	CANNABINOIDS AS ANTINEOPLASTIC DRUGS	27,634
INSTITUTION TOTAL	3	58,525	
CITY TOTAL	3	58,525	
STATE TOTAL	4	141,934	
WASHINGTON			
SEATTLE			
UNIVERSITY OF WASHINGTON			
DE04015-01A1	DECKER, JAY D	STAINING ALTERATIONS IN STRESSED COLLAGEN	22,462
HL18805-01	DODGE, HAROLD T	SUDDEN CARDIAC DEATH AND ONSET OF MYOCARDIAL INFARCTION	299,329
AM18422-01	ENSINCK, JOHN W	CONTROL OF SOMATOSTATIN IN THE MAMMAL	24,746
HL18925-01	FRANK, NEDD P	OZONE EFFECTS ON OVERALL AND REGIONAL LUNG FUNCTION	42,670
HD07607-01A1	NEWELL, LAURA L	THE INTERRELATION OF CHANGING KINSHIP AND DEMOGRAPHY	48,359
HD09297-01	PETERSON, DONALD R	GENETIC SUSCEPTIBILITY TO SUDDEN INFANT DEATH	34,134
INSTITUTION TOTAL	6	471,700	
CITY TOTAL	6	471,700	

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NIH
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DOLLARS
AWARDED

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
STATE TOTAL	6	471,700	
WISCONSIN MADISON			
UNIVERSITY OF WISCONSIN SYSTEM--UNIVERSITY OF WISCONSIN-MADISON			
CA18110-01	GORSKI, JACK	PROLACTIN IN NORMAL AND NEOPLASTIC PITUITARY TISSUE	32,773
ES01332-01	PETERSON, RICHARD E	ENVIRONMENTAL POLLUTANTS AND TOXICOLOGY OF THE LIVER	29,355
EY01332-01	ROBINSON, JOSEPH R	QUANTITATION OF PRECORNEAL DRUG MOVEMENT IN THE EYE	11,064
INSTITUTION TOTAL	3	73,192	
CITY TOTAL	3	73,192	
MILWAUKEE			
MEDICAL COLLEGE OF WISCONSIN			
AM18526-01	SOERGER, KONRAD H	PATHOPHYSIOLOGY OF DIARRHEA	50,696
INSTITUTION TOTAL	1	50,696	
MOUNT SINAI MEDICAL CENTER			
CA18440-01	TRUITT, ROBERT L	ADOPTIVE IMMUNOTHERAPY IN DECONTAMINATED AKR MICE	33,042
INSTITUTION TOTAL	1	33,042	
CITY TOTAL	2	83,738	
STATE TOTAL	5	156,930	
AUSTRALIA			
MELBOURNE			
UNIVERSITY OF MELBOURNE			
EY01525-01	AUGUSTEYN, ROBERT C	THE MECHANISM OF SENILE CATARACT FORMATION	21,180
INSTITUTION TOTAL	1	21,180	
CITY TOTAL	1	21,180	
STATE TOTAL	1	21,180	
ISRAEL			
JERUSALEM			
HEBREW UNIVERSITY OF JERUSALEM			
EY01131-01	BERMAN, ELAINE R	STUDIES ON THE PIGMENT EPITHELIUM OF THE RETINA	18,200
INSTITUTION TOTAL	1	18,200	
CITY TOTAL	1	18,200	

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NIH
RESEARCH GRANTS *

DOLLARS
AWARDED

GRANT NUMBER PRINCIPAL INVESTIGATOR TITLE OF RESEARCH PROPOSAL

STATE TOTAL 1 18,200

TOTAL 200 10,680,323

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH TRAINING GRANTS

DOLLARS
AWARDED

GRANT NUMBER	PROGRAM DIRECTOR	TITLE OF PROGRAM	DOLLARS AWARDED
ALABAMA			
BIRMINGHAM			
UNIVERSITY OF ALABAMA IN BIRMINGHAM			
AM07069-01	RODEN, LENNART	BIOCHEMISTRY AND IMMUNOLOGY OF JOINTS, BONE AND SKIN	39,057
INSTITUTION TOTAL	1		39,057
CITY TOTAL	1		39,057
STATE TOTAL	1		39,057
CALIFORNIA			
BERKELEY			
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT BERKELEY			
HL07058-01	SHORE, BERNARD	NUTRITION IN HEART AND VASCULAR DISEASE	35,951
INSTITUTION TOTAL	1		35,951
CITY TOTAL	1		35,951
IRVINE			
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT IRVINE			
HD07029-01	SCHNEIDERMAN, HOWARD A	DEVELOPMENTAL MECHANISMS UNDERLYING CONGENITAL DEFECTS	48,821
INSTITUTION TOTAL	1		48,821
CITY TOTAL	1		48,821
LA JOLLA			
SCRIPPS CLINIC AND RESEARCH FOUNDATION			
AM07097-01	HUENNEKENS, FRANK M	BIOCHEMISTRY	58,586
AM07144-01	VAUGHAN, JOHN H	IMMUNOLOGY IN PNEUMATIC DISEASES	19,529
INSTITUTION TOTAL	2		78,115
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT SAN DIEGO			
HL07089-01	BERNSTEIN, EUGENE F	MULTIDISCIPLINARY HEART AND VASCULAR DISEASES	110,026
AM07048-01	DEPTOS, LEONARD J	DISEASES OF BONE AND CALCIUM METABOLISM	14,256
HL07107-01	GOULIAN, MEHRAN	HEMATOLOGY	20,416
HL07059-01	HOUGIE, CECIL	HEMATOLOGY	40,833
HL07104-01	LIEBOW, AVERILL A	MULTIDISCIPLINARY RESPIRATORY DISEASES	44,291
HL07163-01	LIEBOW, AVERILL A	PULMONARY FACULTY TRAINING CENTER GRANT	64,800
HL07119-01	MASOUREDIS, SERAFEIM P	BLOOD BANKING SCIENCES AND RELATED PROGRAMS	34,767
AM07062-01	ZVAIFLER, NATHAN J	PNEUMATIC DISEASES	19,529
INSTITUTION TOTAL	8		348,918
CITY TOTAL	10		427,033

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GRANT NUMBER	PROGRAM DIRECTOR	TITLE OF PROGRAM	DOLLARS AWARDED
CALIFORNIA			
LOS ANGELES			
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT LOS ANGELES			
AM07094-01	BROWN, JOSIAH	ENDOCRINOLOGY AND METABOLISM	56,592
CA09010-01	MORTON, DONALD L	SURGICAL ONCOLOGY	97,496
HL07139-01	SIMMONS, DANIEL H	PULMONARY FACULTY TRAINING CENTER GRANT	53,576
AI07008-01	STIEHM, E RICHARD	PEDIATRIC ALLERGIC DISEASES	36,720
EY07026-01	STRAATSMAN, BRADLEY R	VISION RESEARCH	33,732
INSTITUTION TOTAL 5			278,116
UNIVERSITY OF SOUTHERN CALIFORNIA			
AM07119-01	HORTON, RICHARD	ENDOCRINE HYPERTENSION AND ENDOCRINOLOGY - METABOLISM	19,529
INSTITUTION TOTAL 1			19,529
CITY TOTAL 6			297,645
PASADENA			
CALIFORNIA INSTITUTE OF TECHNOLOGY			
EY07011-01	PENDER, DEREK H	STUDIES OF THE VISUAL SYSTEM	37,282
INSTITUTION TOTAL 1			37,282
CITY TOTAL 1			37,282
SAN FRANCISCO			
INSTITUTES OF MEDICAL SCIENCES			
EY07027-01	SCOTT, ALAN B	EYE MOVEMENT DISORDERS	42,016
INSTITUTION TOTAL 1			42,016
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT SAN FRANCISCO			
LM07000-01	BLOIS, HARSDEN S, JR	MEDICAL INFORMATION SCIENCES	69,420
HL07159-01	COMROE, JULIUS H, JR	PULMONARY FACULTY TRAINING CENTER GRANT	86,400
CA09158-01	KAUFMAN, LEON	MEDICAL NUCLEAR PHYSICS	5,618
AM07007-01	OCKNER, ROBERT K	DIGESTIVE DISEASES AND NUTRITION	39,057
HL07100-01	SHOHET, STEPHEN B	BLOOD BANKING SCIENCES AND RELATED PROGRAMS	81,961
INSTITUTION TOTAL 5			282,456
CITY TOTAL 6			324,472
STANFORD			
STANFORD UNIVERSITY			
HL07034-01	PAQUHAR, JOHN W	CARDIOVASCULAR DISEASE PREVENTION TRAINING PROGRAM	91,282

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AWARDED

GRANT NUMBER	PROGRAM DIRECTOR	TITLE OF PROGRAM	DOLLARS AWARDED
CALIFORNIA			
STANFORD			
STANFORD UNIVERSITY			
AM07056-01	GRAY, GARY M	GASTROENTEROLOGY	39,057
INSTITUTION TOTAL	2	130,339	
CITY TOTAL	2	130,339	
STATE TOTAL	27	1,301,543	
COLORADO			
DENVER			
UNIVERSITY OF COLORADO MEDICAL CENTER			
AM07038-01	KERN, FRED, JR	GASTROINTESTINAL DISEASES	39,057
HL07085-01	PETTY, THOMAS L	MULTIDISCIPLINARY RESPIRATORY DISEASES	42,016
AM07135-01	SCHRIER, ROBERT W	RENAL AND ELECTROLYTE DISEASE	39,057
INSTITUTION TOTAL	3	120,130	
CITY TOTAL	3	120,130	
STATE TOTAL	3	120,130	
CONNECTICUT			
NEW HAVEN			
YALE UNIVERSITY			
NS07036-01	BLACK, FRANCIS L	VIROLOGICAL INFECTIONS OF THE CNS	55,892
AM07016-01	LERNER, AARON B	DERMATOLOGY	39,057
AM07058-01	MULROW, PATRICK J	METABOLIC DISEASES AND DIABETES	39,057
EY07000-01	TOMITA, TSUNEO	VISUAL SCIENCES	132,558
INSTITUTION TOTAL	4	266,564	
CITY TOTAL	4	266,564	
STATE TOTAL	4	266,564	
FLORIDA			
GAINESVILLE			
STATE UNIVERSITY OF FLORIDA SYSTEM--UNIVERSITY OF FLORIDA			
AM07141-01	ENNEKING, WILLIAM F	INVESTIGATIVE MUSCULOSKELETAL PATHOLOGY	39,057
EY07012-01	KAUFMAN, HERBERT E	OPHTHALMOLOGY	45,604
RR07001-01	MOPELAND, ALVIN F	LABORATORY ANIMAL COMPARATIVE MEDICINE	34,155
INSTITUTION TOTAL	3	118,816	
CITY TOTAL	3	118,816	

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH TRAINING GRANTS

GRANT NUMBER	PROGRAM DIRECTOR	TITLE OF PROGRAM	DOLLARS AWARDED
FLORIDA			
MIAMI			
UNIVERSITY OF MIAMI			
EY07021-01	ANDERSON, DOUGLAS R	OPHTHALMOLOGY	57,699
AM07081-01	BLANK, HARVEY	DERMATOLOGY	19,529
NS07044-01	JACOBSON, MARCUS	DEVELOPMENTAL NEUROSCIENCES	80,122
AM07114-01	YUNIS, ADEL A	INTERNAL MEDICINE--HEMATOLOGY	20,416
INSTITUTION TOTAL	4	177,766	
CITY TOTAL	4	177,766	
TALLAHASSEE			
STATE UNIVERSITY OF FLORIDA SYSTEM--FLORIDA STATE UNIVERSITY			
ES07011-01	LEYSIEFFER, FREDERICK W	ENVIRONMENTAL HEALTH MEASUREMENT AND STATISTICS	96,180
INSTITUTION TOTAL	1	96,180	
CITY TOTAL	1	96,180	
STATE TOTAL	8	392,762	
ILLINOIS			
CHICAGO			
NORTHWESTERN UNIVERSITY			
HL07113-01	STAMLER, JEREMIAH	CARDIOVASCULAR EPIDEMIOLOGY, BIOSTATISTICS, NUTRITION	122,334
INSTITUTION TOTAL	1	122,334	
UNIVERSITY OF CHICAGO			
AM07011-01	DEGROOT, LESLIE J	INTEGRATED CLINICAL AND BASIC ENDOCRINOLOGIC-RESEARCH	31,545
HD07009-01	DORPMAN, ALBERT	GROWTH AND DEVELOPMENT	119,777
EY07010-01	POKORNY, JOEL M	ASSESSMENT OF COLOR VISION IN NORMAL/DISEASED EYES	16,273
AM07074-01	ROSENBERG, IPWIN H	DIGESTIVE DISEASES	39,057
AM07134-01	YACHNIN, STANLEY	HEMATOLOGY/ONCOLOGY	39,057
INSTITUTION TOTAL	5	245,709	
CITY TOTAL	6	368,043	
URBANA			
UNIVERSITY OF ILLINOIS SYSTEM--UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN			
EY07005-01	EBREY, THOMAS G	PHYSIOLOGY AND BIOCHEMISTRY OF VISION	33,245
ES07001-01	METCALF, ROBERT L	ENVIRONMENTAL STUDIES	88,764
INSTITUTION TOTAL	2	122,009	
CITY TOTAL	2	122,009	

* IF * UDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH TRAINING GRANTS

DOLLARS
AWARDED

GRANT NUMBER	PROGRAM DIRECTOR	TITLE OF PROGRAM	DOLLARS AWARDED
STATE TOTAL	8	490,052	
INDIANA			
WEST LAFAYETTE			
PURDUE UNIVERSITY			
EY07008-01	PAK, WILLIAM L	VISUAL PHYSIOLOGY AND CHEMISTRY	33,044
INSTITUTION TOTAL	1	33,044	
CITY TOTAL	1	33,044	
STATE TOTAL	1	33,044	33,044
IOWA			
IOWA CITY			
UNIVERSITY OF IOWA			
HL07007-01	ABBOUD, FRANCOIS M	CARDIOVASCULAR DISEASES	89,507
HL07121-01	ABBOUD, FRANCOIS M	MULTIDISCIPLINARY HEART AND VASCULAR DISEASES	77,818
CA09000-01	BERG, JOHN W	CANCER EPIDEMIOLOGY	36,188
AM07072-01	CHRISTENSEN, JAMES	GASTROENTEROLOGY	19,529
AM07018-01	GRANNER, DARYL K	DIABETES AND ENDOCRINOLOGY	19,529
AM07075-01	PONSETTI, IGNACIO V	BONE DISEASES	19,529
INSTITUTION TOTAL	6	262,100	
CITY TOTAL	6	262,100	
STATE TOTAL	6	262,100	
KANSAS			
KANSAS CITY			
UNIVERSITY OF KANSAS			
AM07065-01	GRANTHAM, JARED J	IN VITRO STUDIES OF ISOLATED KIDNEY TUBULE PHYSIOLOGY	19,529
INSTITUTION TOTAL	1	19,529	
CITY TOTAL	1	19,529	
STATE TOTAL	1	19,529	19,529
LOUISIANA			
NEW ORLEANS			
LOUISIANA STATE UNIVERSITY SYSTEM--LOUISIANA STATE UNIVERSITY MEDICAL CENTER AT NEW ORLEANS			
HL07098-01	SPITZER, JOHN J	MULTIDISCIPLINARY HEART AND VASCULAR DISEASES	91,774
INSTITUTION TOTAL	1	91,774	

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH TRAINING GRANTS

DOLLARS
AWARDED

GRANT NUMBER	PROGRAM DIRECTOR	TITLE OF PROGRAM	DOLLARS AWARDED
CITY TOTAL	1		91,774
STATE TOTAL	1		91,774
MARYLAND			
BALTIMORE			
JOHNS HOPKINS UNIVERSITY			
HL07143-01	CONLEY, C LOCKARD	HEMATOLOGY	101,491
HL07024-01	GORDIS, LEON	CARDIOVASCULAR EPIDEMIOLOGY	58,586
HL07137-01	GURTNER, GAIL H	PULMONARY FACULTY TRAINING CENTER GRANT	51,261
AM07109-01	MARGOLIS, SIMEON	ENDOCRINE, DIABETES AND METABOLISM	37,719
AM07116-01	MIGRON, CLAUDE J	PEDIATRIC ENDOCRINOLOGY AND METABOLISM	19,529
NS07049-01	SACHS, MURRAY B	AUDITORY PROCESSES	15,231
AI07007-01	TALAMO, RICHARD C	ALLERGIC DISEASES	17,999
AM07145-01	WALKER, W GORDON	NUTRITIONAL AND METABOLIC ASPECTS OF RENAL DISEASE	39,057
INSTITUTION TOTAL	8		340,873
CITY TOTAL	8		340,873
STATE TOTAL	8		340,873
MASSACHUSETTS			
BOSTON			
BETH ISRAEL HOSPITAL			
AM07026-01	ROBINSON, STEPHEN H	HEMATOLOGY	39,057
INSTITUTION TOTAL	1		39,057
BOSTON UNIVERSITY			
AM07014-01	COHEN, ALAN S	RHEUMATOLOGY	19,529
HL07052-01	FRANZBLAU, CARL	MULTIDISCIPLINARY RESPIRATORY DISEASES	24,367
AM07053-01	LEVINSKY, NORMAN G	NEPHROLOGY	39,057
INSTITUTION TOTAL	3		82,953
CHILDREN'S HOSPITAL MEDICAL CENTER			
HL07146-01	NATHAN, DAVID G	HEMATOLOGY	102,083
NS07017-01	SHELANSKI, MICHAEL L	DEVELOPMENTAL NEUROLOGY	125,550
INSTITUTION TOTAL	2		227,633
EYE RESEARCH INSTITUTE OF RETINA FOUNDATION			
EY07018-01	DOHLMAN, CLAES H	PHYSIOLOGY AND BIOCHEMISTRY OF CORNEAL DISEASE	42,016
INSTITUTION TOTAL	1		42,016

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH TRAINING GRANTS

DOLLARS
AWARDED

GRANT NUMBER	PROGRAM DIRECTOR	TITLE OF PROGRAM	DOLLARS AWARDED
MASSACHUSETTS			
BOSTON			
HARVARD UNIVERSITY			
HL07142-01	BUNN, H FRANKLIN	HEMATOLOGY	41,424
NS07009-01	FISCHBACH, GERALD D	DEVELOPMENTAL NEUROBIOLOGY	95,885
AM07098-01	FITZPATRICK, THOMAS B	DERMATOLOGY	19,529
HL07064-01	GEYER, ROBERT P	NUTRITION IN CARDIOVASCULAR DISEASES	103,265
RR07000-01	JONES, T CARL	VETERINARY AND COMPARATIVE PATHOLOGY	53,337
HL07118-01	MEAD, JERE	MULTIDISCIPLINARY RESPIRATORY DISEASES	86,630
HL07049-01	SMITH, THOMAS W	MULTIDISCIPLINARY HEART AND VASCULAR DISEASES	78,115
INSTITUTION TOTAL 7			478,185
MASSACHUSETTS GENERAL HOSPITAL			
AM07028-01	POTTS, JOHN T, JR	ENDOCRINOLOGY AND METABOLISM	39,057
INSTITUTION TOTAL 1			39,057
NEW ENGLAND MEDICAL CENTER HOSPITAL			
HL07053-01	PANBURG, BARRY I	MULTIDISCIPLINARY RESPIRATORY DISEASES	21,008
AM07039-01	REICHLIN, SEYMOUR	CLINICAL AND BASIC NEUROENDOCRINOLOGY	39,057
INSTITUTION TOTAL 2			60,065
PETER BENT BRIGHAM HOSPITAL			
HL07066-01	COTRAN, RAMZI S	MULTIDISCIPLINARY HEART AND VASCULAR DISEASES	58,587
AM07121-01	PIER, JERRY S	ALIMENTARY TRACT RESEARCH IN HEALTH AND DISEASE	38,592
INSTITUTION TOTAL 2			97,179
ROBERT B. BRIGHAM HOSPITAL			
AM07031-01	AUSTEN, K FRANK	MECHANISMS OF ARTHRITIC AND DERMATOLOGIC DISORDERS	19,529
INSTITUTION TOTAL 1			19,529
CITY TOTAL 20			1,085,674
CAMBRIDGE			
MASSACHUSETTS INSTITUTE OF TECHNOLOGY			
AM07095-01	MUNRO, HAMISH N	BASIC NUTRITION	32,148
NS07040-01	STEVENS, KENNETH N	SPEECH SCIENCES	53,962
ES07020-01	WOGAN, GERALD N	ENVIRONMENTAL AND FOOD TOXICOLOGY	138,249
INSTITUTION TOTAL 3			224,359
CITY TOTAL 3			224,359
STATE TOTAL 23			1,310,033

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

GRANT NUMBER	PROGRAM DIRECTOR	TITLE OF PROGRAM	DOLLARS AWARDED
NIH RESEARCH TRAINING GRANTS			
MICHIGAN			
ANN ARBOR			
UNIVERSITY OF MICHIGAN			
EV07022-01	ALPERN, MATHEW	VISION RESEARCH	38,612
HD07048-01	MIDGLEY, A REES	REPRODUCTIVE ENDOCRINOLOGY	92,055
INSTITUTION TOTAL	2	130,667	
CITY TOTAL	2	130,667	
STATE TOTAL	2	130,667	
MINNESOTA			
MINNEAPOLIS			
UNIVERSITY OF MINNESOTA			
HL07023-01	KJELSBURG, MARCUS O	BIOMETRY OF CARDIOVASCULAR CLINICAL TRIALS	18,493
HL07145-01	KEIVIT, WILLIAM	HEMATOLOGY	39,945
AM07087-01	VEFNIER, ROBERT L	PEDIATRIC NEPHROLOGY	19,529
HL07116-01	WANNAMAKER, LEWIS W	MULTIDISCIPLINARY HEART AND VASCULAR DISEASES	97,873
INSTITUTION TOTAL	4	175,840	
CITY TOTAL	4	175,840	
ROCHESTER			
MAYO FOUNDATION			
AM07013-01	KNOX, FRANKLYN G	KIDNEY DISEASE RESEARCH	19,529
HL07069-01	MANN, KENNETH G	BLOOD BANKING SCIENCES AND RELATING PROGRAMS	52,372
AM07034-01	MC DUFFIE, FREDERIC C	ARTHRITIS	39,057
HL07111-01	TANCREDI, ROBERT G	MULTIDISCIPLINARY HEART AND VASCULAR DISEASES	55,480
INSTITUTION TOTAL	4	166,438	
CITY TOTAL	4	166,438	
STATE TOTAL	8	342,278	
MISSOURI			
COLUMBIA			
UNIVERSITY OF MISSOURI SYSTEM--UNIVERSITY OF MISSOURI AT COLUMBIA			
HL07094-01	DAVIS, JAMES O	MULTIDISCIPLINARY HEART AND VASCULAR DISEASES	83,189
INSTITUTION TOTAL	1	83,189	
CITY TOTAL	1	83,189	

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH TRAINING GRANTS

DOLLARS
AWARDED

GRANT NUMBER	PROGRAM DIRECTOR	TITLE OF PROGRAM	DOLLARS AWARDED
MISSOURI			
SAINT LOUIS			
ST. LOUIS UNIVERSITY			
HL07050-01	OLSON, ROBERT E	MULTIDISCIPLINARY HEART AND VASCULAR DISEASES	189,756
INSTITUTION TOTAL	1		189,756
CITY TOTAL	1		189,756
WASHINGTON UNIVERSITY			
AM07130-01	ALPERS, DAVID H	CLINIC/LABORATORY--ACADEMIC GASTROENTEROLOGY	19,529
AM07033-01	AVIOLI, LOUIS V	MINERAL AND SKELETAL METABOLISM	39,057
AM07120-01	DAUGHADAY, WILLIAM H	DIABETES AND RELATED METABOLIC DISEASES	39,057
AM07126-01	KLAR, SAULO	RENAL DISEASES	19,529
HL07088-01	MAJERUS, PHILIP W	HEMATOLOGY	61,841
HL07081-01	SOBEL, BURTON E	MULTIDISCIPLINARY HEART AND VASCULAR DISEASES	122,499
INSTITUTION TOTAL	6		301,512
CITY TOTAL	6		301,512
STATE TOTAL	8		574,457
NEW YORK			
BUFFALO			
STATE UNIVERSITY OF NEW YORK AT BUFFALO			
EY07019-01	NOELL, WERNER K	EYE PHYSIOLOGY AND BIOCHEMISTRY	57,163
INSTITUTION TOTAL	1		57,163
CITY TOTAL	1		57,163
NEW YORK			
CITY UNIVERSITY OF NEW YORK--MOUNT SINAI SCHOOL OF MEDICINE			
EY07014-01	FERRY, ANDREW P	MULTIDISCIPLINARY EYE DISEASES	39,057
INSTITUTION TOTAL	1		39,057
COLUMBIA UNIVERSITY			
EY07002-01	BALAZS, ENDRE	BASIC SCIENCES IN OPHTHALMOLOGY	92,465
HD07017-01	BEHRMAN, RICHARD E	PERINATAL MEDICINE AND RESEARCH	114,953
HD07000-01	BRASEL, JO ANNE	GROWTH AND DEVELOPMENT	55,679
HL07114-01	CHIEN, SHU	RHEOLOGY IN CARDIOVASCULAR DISEASES	61,753
HL07148-01	RIPKIND, RICHARD A	HEMATOLOGY	111,995
INSTITUTION TOTAL	5		436,845

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH TRAINING GRANTS

GRANT NUMBER	PROGRAM DIRECTOR	TITLE OF PROGRAM	DOLLARS AWARDED
NEW YORK			
NEW YORK			
CORNELL UNIVERSITY MEDICAL CENTER			
AM07142-01	JAVITT, NORMAN B	GASTROENTEROLOGY	39,057
INSTITUTION TOTAL	1		39,057
MONTEFIORE HOSPITAL AND MEDICAL CENTER			
AM07004-01	OPPENHEIMER, JACK H	INVESTIGATIVE ENDOCRINOLOGY	19,529
HL07080-01	SPAET, THEODORE H	HEMATOLOGY	60,361
INSTITUTION TOTAL	2		79,890
NEW YORK UNIVERSITY			
EY07003-01	KAUFMAN, LLOYD	VISION RESEARCH	55,479
HL07151-01	SILBER, ROBERT	HEMATOLOGY	124,273
EY07009-01	ZADUNAISKY, JOSE A	PHYSIOLOGY AND BIOCHEMISTRY OF THE EYE	73,972
INSTITUTION TOTAL	3		253,724
YESHIVA UNIVERSITY			
HD07053-01	BARNETT, HENRY L	HUMAN DEVELOPMENTAL BIOLOGY	139,266
AM07089-01	BRICKER, NEAL S	MULTIDISCIPLINARY NEPHROLOGY	39,057
HL07060-01	SCAPPELLI, EMILE M	MULTIDISCIPLINARY RESPIRATORY DISEASES	58,587
HL07071-01	SCHEUER, JAMES	MULTIDISCIPLINARY HEART AND VASCULAR DISEASES	122,795
AG00004-01	TERRY, ROBERT D	SENILE DEMENTIA: BIOLOGICAL & BEHAVIORAL ASPECTS	44,500
INSTITUTION TOTAL	5		404,205
CITY TOTAL	17		1,252,778
ROCHESTER			
UNIVERSITY OF ROCHESTER			
AM07092-01	PECK, WILLIAM A	INVESTIGATIVE ENDOCRINOLOGY AND METABOLISM	19,529
HL07152-01	WEED, ROBERT I	HEMATOLOGY	21,008
INSTITUTION TOTAL	2		40,537
CITY TOTAL	2		40,537
SYRACUSE			
STATE UNIVERSITY OF NEW YORK--UPSTATE MEDICAL CENTER			
AM07146-01	STREETEN, DAVID H	ENDOCRINOLOGY	17,888
INSTITUTION TOTAL	1		17,888
CITY TOTAL	1		17,888

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH TRAINING GRANTS

DOLLARS
AWARDED

GRANT NUMBER	PROGRAM DIRECTOR	TITLE OF PROGRAM	DOLLARS AWARDED
STATE TOTAL	21		1,368,366
NORTH CAROLINA			
CHAPEL HILL			
UNIVERSITY OF NORTH CAROLINA SYSTEM--UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL			
HL07406-01	BROMBERG, PHILIP A	MULTIDISCIPLINARY RESPIRATORY DISEASES	39,649
AM07047-01	GOTTSCHALK, CARL W	KIDNEY AND MEMBRANE PHYSIOLOGY AND DISEASE	19,529
ES07017-01	GRISHAM, JOE W	ENVIRONMENTAL PATHOLOGY	36,450
HL07005-01	GRIZZLE, JAMES E	STATISTICS AND EPIDEMIOLOGY IN CARDIOVASCULAR DISEASE	39,058
HL07149-01	ROBERTS, HAROLD R	HEMATOLOGY	39,057
HL07055-01	TYPOLLER, HERMAN A	CARDIOVASCULAR EPIDEMIOLOGY AND STATISTICS	93,978
AM07129-01	VAN WYK, JUDSON J	ENDOCRINOLOGY AND METABOLISM	19,529
INSTITUTION TOTAL	7		287,250
CITY TOTAL	7		287,250

DURHAM			
DUKE UNIVERSITY			
AG00007-01	APPEL, STANLEY H	BIOLOGICAL APPROACHES TO DEMENTIA	50,500
AM07093-01	GOLDSMITH, LOWELL A	DERMATOLOGY RESEARCH	19,529
AM07012-01	LEBOVITZ, HAROLD E	ENDOCRINOLOGY AND DIABETES	19,529
ES07002-01	MENZEL, DANIEL B	TRANSFORMATION AND BIOLOGICAL EFFECTS OF TOXICANTS	134,779
HL07063-01	PILKINGTON, THEO C	MULTIDISCIPLINARY HEART AND VASCULAR DISEASES	113,907
HL07057-01	ROSSE, WENDELL F	BLOOD BANKING SCIENCES AND RELATED PROGRAMS	76,044
HL07101-01	WALLACE, ANDREW G	MULTIDISCIPLINARY HEART AND VASCULAR DISEASES	124,273
AM07015-01	WINGAARDEN, JAMES B	METABOLIC AND RHEUMATIC DISEASES	58,586
INSTITUTION TOTAL	8		597,147
CITY TOTAL	8		597,147

WINSTON-SALEM			
WAKE FOREST UNIVERSITY			
HL07117-01	MYRVIK, QUENTIN N	MULTIDISCIPLINARY RESPIRATORY DISEASES	35,550
HL07115-01	ST CLAIR, RICHARD W	MULTIDISCIPLINARY HEART AND VASCULAR DISEASES	106,652
INSTITUTION TOTAL	2		142,202
CITY TOTAL	2		142,202
STATE TOTAL	17		1,026,599

OHIO			
CLEVELAND			
CASE WESTERN RESERVE UNIVERSITY			
EY07006-01	KEAN, EDWARD L	MULTIDISCIPLINARY RESEARCH IN THE VISUAL SCIENCES	16,273

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH RESEARCH TRAINING GRANTS			DOLLARS AWARDED
GRANT NUMBER	PROGRAM DIRECTOR	TITLE OF PROGRAM	
OHIO			
CLEVELAND			
CASE WESTERN RESERVE UNIVERSITY		HEMATOLOGY	58,587
HL07147-01	RATNOPP, OSCAR D		
INSTITUTION TOTAL	2	74,860	
CITY TOTAL	2	74,860	
COLUMBUS			
OHIO STATE UNIVERSITY	BAICERZAK, STANLEY P	HEMATOLOGY	39,057
HL07141-01			
INSTITUTION TOTAL	1	39,057	
CITY TOTAL	1	39,057	
STATE TOTAL	3	113,917	
OKLAHOMA			
OKLAHOMA CITY		PULMONARY DISEASES	54,000
UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER			
HL07155-01	ROGERS, ROBERT M		
INSTITUTION TOTAL	1	54,000	
CITY TOTAL	1	54,000	
STATE TOTAL	1	54,000	
PENNSYLVANIA			
PHILADELPHIA		HEMATOLOGY	39,945
CHILDREN'S HOSPITAL OF PHILADELPHIA			
HL07150-01	SCHWARTZ, ELIAS		
INSTITUTION TOTAL	1	39,945	
THOMAS JEFFERSON UNIVERSITY			
AM07084-01	ERSLEV, ALLAN J	HEMATOLOGY	19,529
INSTITUTION TOTAL	1	19,529	
UNIVERSITY OF PENNSYLVANIA			
AM07066-01	COHEN, SIDNEY	MECHANISMS OF GASTROINTESTINAL DISEASE	39,057
HL07000-01	FISHMAN, ALFRED P	MULTIDISCIPLINARY RESPIRATORY DISEASES	42,016

NIH
RESEARCH TRAINING GRANTS

DOLLARS
AWARDED

GRANT NUMBER	PROGRAM DIRECTOR	TITLE OF PROGRAM	
PENNSYLVANIA			
PHILADELPHIA			
UNIVERSITY OF PENNSYLVANIA		RENAL PATHOPHYSIOLOGY IN CARDIAC AND RENAL DISEASE	
AM07006-01	GOLDBERG, MARTIN		40,833
INSTITUTION TOTAL	3	121,906	
CITY TOTAL	5	181,380	
PITTSBURGH			
UNIVERSITY OF PITTSBURGH		DIABETES AND ENDOCRINOLOGY	19,529
AM07052-01	FIELD, JAMES B	CARDIOVASCULAR EPIDEMIOLOGY	36,987
HL07011-01	KULLER, LEWIS H	LIVER METABOLISM AND INTESTINAL TRANSPORT	18,360
AM07138-01	LESTER, ROGER		
INSTITUTION TOTAL	3	74,876	
CITY TOTAL	3	74,876	
STATE TOTAL	8	256,256	
TENNESSEE			
NASHVILLE			
GEORGE PEABODY COLLEGE FOR TEACHERS		RESEARCH BEHAVIORAL SCIENTISTS IN MENTAL RETARDATION	119,027
HD07045-01	ODOM-BROOKS, PENELOPE		
INSTITUTION TOTAL	1	119,027	
VANDERBILT UNIVERSITY			
HL07123-01	BRIGHAM, KENNETH L	MULTIDISCIPLINARY RESPIRATORY DISEASES	19,529
AM07083-01	BROQUIST, HARRY P	NUTRITION AND GASTROENTEROLOGY	29,850
AM07061-01	CROFFORD, OSCAR B	DIABETES AND ENDOCRINOLOGY	7,128
ES07028-01	NEAL, ROBERT A	ENVIRONMENTAL TOXICOLOGY	57,444
HD07043-01	PUETT, J DAVID	REPRODUCTIVE BIOLOGY, BIOCHEMISTRY, AND ENDOCRINOLOGY	80,861
INSTITUTION TOTAL	5	194,812	
CITY TOTAL	6	313,839	
STATE TOTAL	6	313,839	
TEXAS			
DALLAS			
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT DALLAS		GASTROENTEROLOGY AND LIVER DISEASE	58,587
AM07100-01	COMBES, BURTON		

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NIH
RESEARCH TRAINING GRANTS

DOLLARS
AWARDED

GRANT NUMBER	PROGRAM DIRECTOR	TITLE OF PROGRAM	
TEXAS			
DALLAS			
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT DALLAS			
HL07128-01	PIERCE, ALAN K	PULMONARY FACULTY TRAINING CENTER GRANT	48,480
AM07055-01	ZIPP, MORRIS	TRAINING IN BASIC AND CLINICAL RHEUMATOLOGY	19,529
INSTITUTION TOTAL	3	126,596	
CITY TOTAL	3	126,596	
HOUSTON			
BAYLOR COLLEGE OF MEDICINE			
EX07001-01	VON NOORDEN, GUNTER K	VISUAL SCIENCES	34,915
INSTITUTION TOTAL	1	34,915	
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON			
EX07024-01	SPEERLING, HARRY G	SENSORY NEURAL SCIENCES	49,944
INSTITUTION TOTAL	1	49,944	
CITY TOTAL	2	84,859	
SAN ANTONIO			
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT SAN ANTONIO			
AM07103-01	STEIN, JAY H	ACADEMIC NEPHROLOGY	39,057
INSTITUTION TOTAL	1	39,057	
CITY TOTAL	1	39,057	
STATE TOTAL	6	250,512	
UTAH			
SALT LAKE CITY			
UTAH STATE HIGHER EDUCATION SYSTEM--UNIVERSITY OF UTAH			
AM07115-01	CARTWRIGHT, GEORGE E	HEMATOLOGY	20,416
INSTITUTION TOTAL	1	20,416	
CITY TOTAL	1	20,416	
STATE TOTAL	1	20,416	
VERMONT			
BURLINGTON			
UNIVERSITY OF VERMONT AND STATE AGRICULTURAL COLLEGE			
HL07073-01	PARSONS, RODNEY L	MULTIDISCIPLINARY HEART AND VASCULAR DISEASES	50,005

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NIH
RESEARCH TRAINING GRANTS

DOLLARS
AWARDED

GRANT NUMBER	PROGRAM DIRECTOR	TITLE OF PROGRAM	DOLLARS AWARDED
INSTITUTION TOTAL	1	50,005	
CITY TOTAL	1	50,005	
STATE TOTAL	1	50,005	
VIRGINIA			
RICHMOND			
VIRGINIA COMMONWEALTH UNIVERSITY			
HL07110-01	GOLDMAN, I DAVID	MULTIDISCIPLINARY HEART AND VASCULAR DISEASES	40,833
INSTITUTION TOTAL	1	40,833	
CITY TOTAL	1	40,833	
STATE TOTAL	1	40,833	
WASHINGTON			
SEATTLE			
UNIVERSITY OF WASHINGTON			
HL07028-01	BIERMAN, EDWIN L	NUTRITION, LIPID METABOLISM, AND ARTERIOSCLEROSIS	41,424
HL07090-01	FEIGL, ERIC O	MULTIDISCIPLINARY HEART AND VASCULAR DISEASES	55,774
HL07093-01	FINCH, CLEMENT A	HEMATOLOGY	42,016
EY07017-01	GALE, JAMES L	EPIDEMIOLOGY--EYE DISEASES	59,922
EY07013-01	KALINA, ROBERT E	MULTIDISCIPLINARY VISION RESEARCH	44,794
AM07108-01	MANNIK, MART	RHEUMATOLOGY	20,120
AM07019-01	ODLAND, GEORGE F	DERMATOLOGY	19,529
AM07113-01	VOLWILER, WADE	GASTROENTEROLOGY	18,117
INSTITUTION TOTAL	8	301,696	
CITY TOTAL	8	301,696	
STATE TOTAL	8	301,696	
WISCONSIN			
MADISON			
UNIVERSITY OF WISCONSIN SYSTEM--UNIVERSITY OF WISCONSIN-MADISON			
AM07049-01	BEINERT, HELMUT	BASIC ENZYMOLOGY RELATED TO MAMMALIAN METABOLISM	39,057
ES07015-01	HINSDELL, RONALD D	ENVIRONMENTAL TOXICOLOGY	121,608
HD07014-01	SWEET, JAMES A	DEMOGRAPHY AND ECOLOGY	36,598
INSTITUTION TOTAL	3	197,263	
CITY TOTAL	3	197,263	

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH TRAINING GRANTS

GRANT NUMBER	PROGRAM DIRECTOR	TITLE OF PROGRAM	DOLLARS AWARDED
WISCONSIN			
MILWAUKEE			
MEDICAL COLLEGE OF WISCONSIN			
EY07016-01	EDELHAUSER, HENRY F	EYE PHYSIOLOGY AND BIOCHEMISTRY	27,102
AI07006-01	FINK, JORDAN N	RESEARCH TRAINING IN ALLERGIC DISEASES	38,016

INSTITUTION TOTAL	2	65,118
CITY TOTAL	2	65,118
STATE TOTAL	5	262,381
TOTAL	187	9,773,683

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	PROGRAM
ALABAMA			
BIRMINGHAM			
UNIVERSITY OF ALABAMA IN BIRMINGHAM			
AI05222-01	HULL, SHEILA I	MICROBIAL BIOCHEMISTRY	F32
AI01454-01	MOLE, JOHN E	IMMUNOLOGY	F32
DE05051-01	RICHARDSON, WILLIAM S, III	PROTEIN/AMINO ACID BIOCHEMISTRY	F32
INSTITUTION TOTAL 3			
CITY TOTAL 3			
STATE TOTAL 3			
ARIZONA			
TUCSON			
UNIVERSITY OF ARIZONA			
HL05215-01	CLARK, DUMONT F	PULMONARY DISEASES	F32
HL05134-01	GLOVER, JOHN N	PULMONARY DISEASES	F32
INSTITUTION TOTAL 2			
CITY TOTAL 2			
STATE TOTAL 2			
CALIFORNIA			
BERKELEY			
CALIFORNIA STATE HEALTH AND WELFARE AGENCY--DEPARTMENT OF HEALTH PHYSICS			
TH02271-01	REISCHL, GEORG P	PHYSICS	F05
INSTITUTION TOTAL 1			
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT BERKELEY			
AI05133-01	MARSON, STUART A	ORGANIC SYNTHESIS	F32
AI05110-01	MILLER, CAROL L	IMMUNOLOGY	F32
AM05228-01	ZEZULKA, ALLISON	HUMAN/CLINICAL NUTRITION	F32
INSTITUTION TOTAL 3			
CITY TOTAL 4			
DAVIS			
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT DAVIS			
AI05019-01	ARPAJ, JUDY A	MICROBIAL BIOCHEMISTRY	F32
HD05219-01	ECKHART, CURTIS DALE	GROWTH AND DEVELOPMENT	F32

NIH
RESEARCH FELLOWSHIP AWARDS

PROGRAM

FIELD OF INTEREST

APPLICATION NUMBER FELLOW

CALIFORNIA
DAVIS
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT DAVIS
TH00020-01 HOEPRICH, PAUL D IMMUNOLOGY P06
HD01647-01 SHILLE, VICTOR M SURVEYS, POLLS AND ATTITUDES F32
TH00036-01 SMITH, ROBERT E ANIMAL MOTIVATION AND EMOTION P06
HL05135-01 WATSON, PHILIP D CARDIOVASCULAR DISEASES F32

INSTITUTION TOTAL 6
CITY TOTAL 6

IRVINE
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT IRVINE
HD05225-01 FAIN, MARGERY DEVELOPMENTAL BIOLOGY P32

INSTITUTION TOTAL 1
CITY TOTAL 1

LA JOLLA
SALK INSTITUTE FOR BIOLOGICAL STUDIES
CA05389-01 ROBBINS, JAMES C MOLECULAR BIOLOGY P32

INSTITUTION TOTAL 1

SCRIPPS CLINIC AND RESEARCH FOUNDATION
AI05279-01 GOODMAN, MICHAEL G IMMUNOLOGY P32
CA05442-01 LIGGINS, GEORGE L VIROLOGY P32

INSTITUTION TOTAL 2

UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT SAN DIEGO
AI05129-01 APNSTRONG, KAREN A BACTERIOLOGY F32
TW02249-01 FAGRELL, BENGT CARDIOVASCULAR DISEASES P05
AI05159-01 HERSHFELD, MARY V VIROLOGY F32
AM05174-01 HOLDY, KALMAN E HORMONE/VITAMIN BIOCHEMISTRY F32
HL05188-01 JOBE, ALAN H PEDIATRIC PULMONARY DISEASE F32
HL05112-01 LONKY, STEWART A PULMONARY DISEASES F32
AI05251-01 ROBINSON, CHARLES A IMMUNOLOGY F32
HL05213-01 ROESKE, WILLIAM R CARDIOVASCULAR DISEASES F32
HL05229-01 SHAW, JAMES O IMMUNOLOGY F32
TW02262-01 SLOT, JAN W ENDOCRINE PHYSIOLOGY P05
CA05281-01 WOLINSKY, LAWRENCE E CELL BIOLOGY F32

INSTITUTION TOTAL 11
CITY TOTAL 14

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	PROGRAM
CALIFORNIA			
LOS ANGELES			
ESTELLE DOHENY EYE FOUNDATION			
EY05099-01	KEYSER, ROBERT B	OPHTHALMOLOGY	F32
INSTITUTION TOTAL	1		
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT LOS ANGELES			
AM05290-01	COPE, DENNIS W	NEUROENDOCRINOLOGY	F32
TH00011-01	LIBERMAN, ROBERT P	LEADERSHIP	F06
EY05082-01	MARC, ROBERT E	NEURO/MUSCULAR PHYSIOLOGY	F32
HD05207-01	NEUFELD, NAOMI	GROWTH AND DEVELOPMENT	F32
HL05124-01	OSPITAL, JEAN J	PULMONARY DISEASES	F32
HL05225-01	STREMEL, RICHARD W	PULMONARY DISEASES	F32
GM05562-01	WHITEN, JOYCELYN T	NEURO/MUSCULAR PHYSIOLOGY	F32
INSTITUTION TOTAL	7		
CITY TOTAL	8		
PALO ALTO			
PALO ALTO MEDICAL RESEARCH FOUNDATION			
AI05212-01	WING, EDWARD J	IMMUNOLOGY	F32
INSTITUTION TOTAL	1		
CITY TOTAL	1		
PASADENA			
CALIFORNIA INSTITUTE OF TECHNOLOGY			
EY05091-01	ATENCIO, FRANK W	NEURO/MUSCULAR PHYSIOLOGY	F32
AI05276-01	CECKA, JAMES H	IMMUNOCHEMISTRY	F32
EY05069-01	DANIELS, JERRY D	NEURO/MUSCULAR PHYSIOLOGY	F32
AI05274-01	GOODFLESH, ROBERT M	BIOLOGY	F32
GM05464-01	HENNEKE, CHRISTIAN M	MOLECULAR STRUCTURE	F32
GM05373-01	HOZIER, JOHN C	CYTO/HISTO CHEMISTRY	F32
INSTITUTION TOTAL	6		
CITY TOTAL	6		
SAN FRANCISCO			
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT SAN FRANCISCO			
AM05245-01	DONEEN, BYRON A	ENDOCRINOLOGY	F32
TH02243-01	HUHTANIEMI, ILPO T	HORMONE/VITAMIN BIOCHEMISTRY	F05

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	PROGRAM
CALIFORNIA			
SAN FRANCISCO			
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT SAN FRANCISCO			
AM05223-01	LEVINE, RICHARD I	GASTROENTEROLOGY	P32
EY05048-01	OAKLEY, BURKS, II	PHYSIOLOGY	P32
EY05037-01	OCHS, ALFRED L	OPHTHALMOLOGY	P32
HL05246-01	POWELL, JOHN R	PHARMACOLOGY	P32
HL05207-01	TRIPP, MARJORIE E	CARDIOVASCULAR DISEASES	P32
INSTITUTION TOTAL 7			
CITY TOTAL 7			
SANTA CRUZ			
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT SANTA CRUZ			
HL05157-01	TWIG, ROBERT J	ORGANIC SYNTHESIS	P32
INSTITUTION TOTAL 1			
CITY TOTAL 1			
STANFORD			
STANFORD UNIVERSITY			
GM05320-01	FRY, KIRK E	MOLECULAR BIOLOGY	P32
AI05170-01	GALGANI, JOHN N	BACTERIOLOGY	P32
HD05060-01	GIORNO, PALPH C	DEVELOPMENTAL BIOLOGY	P32
AM05278-01	GREENBERG, HARRY B	IMMUNOCHEMISTRY	P32
AI05187-01	HARVEY, ROBERT P	PARASITOLOGY	P32
HL05217-01	MACDONALD, TIMOTHY L	CHEMICAL PHARMACOLOGY	P32
HD05077-01	PATTERSON, CHARLOTTE J	GENERAL PSYCHOLOGY	P32
INSTITUTION TOTAL 7			
CITY TOTAL 7			
STATE TOTAL 55			
COLORADO			
BOULDER			
UNIVERSITY OF COLORADO			
EY05067-01	MOONEY, RICHARD D	NEURO/MUSCULAR PHYSIOLOGY	P32
AI05247-01	WATSON, DARRELL G	ORGANIC SYNTHESIS	P32
INSTITUTION TOTAL 2			
CITY TOTAL 2			

NIH
RESEARCH FELLOWSHIP AWARDS

PROGRAM

FIELD OF INTEREST

APPLICATION NUMBER FELLOW

COLORADO

DENVER

NATIONAL JEWISH HOSPITAL AND RESEARCH CENTER

AI05111-01

AI05149-01

BAKER, LAWRENCE A

MAINO, VERNON C

PARASITOLOGY

IMMUNOCHEMISTRY

F32

F32

INSTITUTION TOTAL 2

UNIVERSITY OF COLORADO MEDICAL CENTER

GM05272-01

TW00009-01

AM05151-01

HL05195-01

PAIN, PAMELA F

HAGERMAN, DWAIN D

MINER, PHILIP B, JR

MONTGOMERY, ROBERT R, JR

HUMAN GENETICS

CHEMICAL PHARMACOLOGY

GASTROENTEROLOGY

HEMATOLOGY/IMMUNOLOGY

F32

F06

F32

F32

INSTITUTION TOTAL 4

CITY TOTAL 6

STATE TOTAL 8

CONNECTICUT

FARMINGTON

UNIVERSITY OF CONNECTICUT HEALTH CENTER

AI05037-01

DE05040-01

AI05200-01

BARTON, RANDALL W

GOLDSCHMIDT, PAUL R

WALENGA, RONALD W

IMMUNOCHEMISTRY

IMMUNOLOGY

MICROBIAL BIOCHEMISTRY

F32

F32

F32

INSTITUTION TOTAL 3

CITY TOTAL 3

NEW HAVEN

YALE UNIVERSITY

AI05183-01

TW02316-01

CA05230-01

HL05193-01

HL05239-01

AI05205-01

AM05097-01

TW00031-01

AI05118-01

AM05173-01

DESROSIER, RONALD C

GARCIA FILHO, EDISON M

HENDERSON, EARL E

HILLMAN, GERALD M

KONIGSBERG, PAULA J

ONDRAKO, JOANNE M

RABE, EDWARD F, JR

RUPP, W DEAN

TABACHNICK, WALTER J

YINGST, DOUGLAS R

VIROLOGY

RENAL DISEASES

VIROLOGY

PHYSICAL BIOCHEMISTRY

PROTEIN/AMINO ACID BIOCHEMISTRY

MICROBIAL PHYSIOLOGY

BIOCHEMICAL AND NUTRITIONAL PROCESSES

RADIOBIOLOGY

PARASITOLOGY

GASTROENTEROLOGY

F32

F05

F32

F32

F32

F32

F32

F06

F32

F32

INSTITUTION TOTAL 10

CITY TOTAL 10

NIH
RESEARCH FELLOWSHIP AWARDS

PROGRAM

FIELD OF INTEREST

APPLICATION NUMBER FELLOW

CONNECTICUT

STORRS

UNIVERSITY OF CONNECTICUT

HL05222-01

AI05266-01

O'DONNELL, STEPHEN E

SHIRE, STEVEN J

INSTITUTION TOTAL 2

CITY TOTAL 2

STATE TOTAL 15

ENERGY EXCHANGE
QUANTUM CHEMISTRY

F32
F32

DIST OF COL

WASHINGTON

GEORGE WASHINGTON UNIVERSITY

HL05148-01

GM05577-01

GALLIN, ELAINE

MICHAEL, GEORGE N

INSTITUTION TOTAL 2

CITY TOTAL 2

STATE TOTAL 2

HEMATOLOGY
PHYSICAL BIOCHEMISTRY

F32
F32

FLORIDA

GAINESVILLE

STATE UNIVERSITY OF FLORIDA SYSTEM--UNIVERSITY OF FLORIDA

AI01555-01

DYHINSKI, JOHN W

IMMUNOLOGY

F32

INSTITUTION TOTAL 1

CITY TOTAL 1

MIAMI

UNIVERSITY OF MIAMI

AI05238-01

EY05087-01

EY05046-01

EY05042-01

HD05204-01

BASKIN-SAMUELS, BONITA

CIBIS, GERHARD W

CONWAY, BRIAN P

QUIGLEY, HARRY A

SCHOLZ, SUSAN CAROL

BACTERIOLOGY

OPHTHALMOLOGY

OPHTHALMOLOGY

OPHTHALMOLOGY

DEVELOPMENTAL PSYCHOLOGY

F32
F32
F32
F32
F32

INSTITUTION TOTAL 5

CITY TOTAL 5

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	PROGRAM
FLORIDA			
TALLAHASSEE			
STATE UNIVERSITY OF FLORIDA SYSTEM--FLORIDA STATE UNIVERSITY			
EY05029-01	NELSON, DIANA	RECEPTOR AND EFFECTOR PROCESSES	F32
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	7		
GEORGIA			
ATHENS			
UNIVERSITY SYSTEM OF GEORGIA--UNIVERSITY OF GEORGIA			
AI05472-01	ACKERMAN, STEVEN B	PARASITOLOGY	F32
AI05152-01	BARGER, BRUCE O	IMMUNOLOGY	F32
AI05244-01	FERRY, JAMES G	MICROBIAL BIOCHEMISTRY	F32
EY05404-01	WARD, WILLIAM W	OPHTHALMOLOGY	F32
INSTITUTION TOTAL	4		
CITY TOTAL	4		
ATLANTA			
ATLANTA UNIVERSITY			
GM05583-01	HOLZENDORF, BETTY	BIOLOGY	F32
INSTITUTION TOTAL	1		
EMORY UNIVERSITY			
GM05278-01	SOKOL, BARRY A	PHYSICAL CHEMISTRY	F32
INSTITUTION TOTAL	1		
U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE--REGIONAL OFFICE IV			
TW02238-01	GOLD, DANIEL	PARASITOLOGY	F05
INSTITUTION TOTAL	1		
INSTITUTION TOTAL	1		
CITY TOTAL	3		
STATE TOTAL	7		
HAWAII			
HONOLULU			
UNIVERSITY OF HAWAII SYSTEM--UNIVERSITY OF HAWAII AT MANOA			
TW00016-01	HALSTEAD, SCOTT B	HUMAN GENETICS	F06

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	PROGRAM
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INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	1		

ILLINOIS
CHICAGO

ILLINOIS INSTITUTE OF TECHNOLOGY
GM05234-01 DICKINSON, HELEN R

ATOMIC STRUCTURE F32

INSTITUTION TOTAL	1		
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UNIVERSITY OF CHICAGO

TW02300-01 ALTAMIRANO-DIMAS, MANUEL
HL05167-01 BEST, PHILIP M
HL05238-01 CLAPK, WILLIAM A, JR
HL05121-01 DEUTSCH, DALE G
AM05163-01 DHAR, GHULAM J
DE05030-01 EMERSON, SHARON B
AM05248-01 NEMCHAUSKY, BERNARD A
AM05150-01 WAGONFELD, JAMES B

NUCLEIC ACID BIOCHEMISTRY
CARDIOVASCULAR/PULMONARY PHYSIOLOGY
DEVELOPMENTAL BIOLOGY
METABOLIC DISEASES
GASTROENTEROLOGY
ANIMAL MORPHOLOGY/SYSTEMATICS
LIVER DISEASES
GASTROENTEROLOGY

F05
F32
F32
F32
F32
F32
F32
F32

INSTITUTION TOTAL	8		
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UNIVERSITY OF ILLINOIS SYSTEM--UNIVERSITY OF ILLINOIS AT THE MEDICAL CENTER
AM05196-01 HOEPSTEN, GLEN H

F32

INSTITUTION TOTAL	1		
CITY TOTAL	10		

EVANSTON
NORTHWESTERN UNIVERSITY

AI05131-01 WEPPNER, WILLIAM A
ES05050-01 WILSON, THOMAS G

MICROBIAL BIOCHEMISTRY
HOPHONE/VITAMIN BIOCHEMISTRY

F32
F32

INSTITUTION TOTAL	2		
CITY TOTAL	2		

URBANA

UNIVERSITY OF ILLINOIS SYSTEM--UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN
ES05020-01 CHIANG, ROBERT L

F32

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

INC
IN

NIH
RESEARCH FELLOWSHIP AWARDS

PROGRAM

FIELD OF INTEREST

APPLICATION NUMBER FELLOW

ILLINOIS
URBANA
UNIVERSITY OF ILLINOIS SYSTEM--UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN
AI05140-01 SNELLEN, JAMES
F32

INSTITUTION TOTAL 2
CITY TOTAL 2
STATE TOTAL 14

INDIANA
WEST LAFAYETTE
PURDUE UNIVERSITY
TH02276-01 MORA, FRANCISCO
AI05201-01 STELMA, GERARD N, JR
F05
F32

INSTITUTION TOTAL 2
CITY TOTAL 2
STATE TOTAL 2

IOWA
AMES
IOWA STATE UNIVERSITY OF SCIENCE AND TECHNOLOGY
ES05057-01 OVERMANN, STEPHEN R
F32

INSTITUTION TOTAL 1
CITY TOTAL 1

IOWA CITY
UNIVERSITY OF IOWA
HL05123-01 FERREN, LARRY G
FY05096-01 GRESTY, MICHAEL A
HL05108-01 GUBB, BARBARA
DE05034-01 HARRIS, RICHARD R
HL05114-01 MARVIN, WILLIAM J, JR
HL05164-01 RAYMOND, THOMAS L
HL05187-01 SOLEN, KENNETH A
HL05212-01 VON BEHREN, PATRICIA A
F32
F32
F32
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F32
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F32
F32

INSTITUTION TOTAL 8
CITY TOTAL 8
STATE TOTAL 9

NIH
RESEARCH FELLOWSHIP AWARDS

PROGRAM

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	PROGRAM
KANSAS			
KANSAS CITY			
UNIVERSITY OF KANSAS			
TW02311-01	CARRUTHERS, SAMUEL G	CLINICAL PHARMACOLOGY (THERAPEUTICS)	P05
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	1		
LOUISIANA			
NEW ORLEANS			
LOUISIANA STATE UNIVERSITY SYSTEM--LOUISIANA STATE UNIVERSITY MEDICAL CENTER AT NEW ORLEANS			
TW00023-01	GONZALEZ, FRANCISCO M	RENAL DISEASES	P06
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	1		
MARYLAND			
BALTIMORE			
JOHNS HOPKINS UNIVERSITY			
PLEISCHMAN, JAY A		OPHTHALMOLOGY	P32
EY05079-01		MOLECULAR BIOLOGY	P05
TW02330-01	EPIGERI, LUCIANO	SENSORY PROCESSES	P32
EY05070-01	HADDAD, GENEVIEVE M	EXPERIMENTAL SURGERY	P05
TW02226-01	INON, ALBERTO E	AIR POLLUTION: EPIDEMIOLOGY	P32
ES01749-01	O'BRIEN, MARY-WIN	FAT AND LIPID BIOCHEMISTRY	P32
HL05174-01	REED, RUTH E		
INSTITUTION TOTAL	6		
UNIVERSITY OF MARYLAND SYSTEM--UNIVERSITY OF MARYLAND AT BALTIMORE			
TW00017-01	GLASER, EDMUND M	AUDIOLOGY	P06
INSTITUTION TOTAL	1		
CITY TOTAL	7		
BETHESDA			
U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE--NATIONAL INSTITUTES OF HEALTH			
TW00161-01	EPENNER, SYDNEY	MOLECULAR BIOLOGY	P15
HL05236-01	BUCKPITT, ALAN P	CHEMICAL PHARMACOLOGY	P32

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	PROGRAM
MARYLAND			
BETHESDA			
U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE--NATIONAL INSTITUTES OF HEALTH			
TW00166-01	CAIRNS, JOHN	ONCOLOGY	F15
TW00159-01	CHRISTIE, RONALD V	MEDICAL EDUCATION	F15
TW00162-01	DAVSON, HUGH	PHYSIOLOGY	F15
GW05565-01	DILLON, PAULINE Y	HUMAN GENETICS	F32
TW00160-01	HAMMES, GORDON G	PROTEIN/AMINO ACID BIOCHEMISTRY	F15
TW00163-01	HARRIS, HENRY	EXPERIMENTAL PATHOLOGY	F15
DE05056-01	HAYES, RONALD L	PSYCHOTHERAPY	F32
TW00158-01	HORWITZ, ABRAHAM	PUBLIC HEALTH ADMINISTRATION	F15
AW05262-01	HPUDY, VICTOR J	ENDOCRINOLOGY	F32
TW00157-01	KALCKAR, HERMAN M	BIOCHEMISTRY	F15
TW02293-01	KALLA, NATWAR R	CYTOLOGY	F05
HL05178-01	KLEIN, WILLIAM L	BIOLOGY	F32
TW00165-01	KREBS, HANS A	PHARMACOLOGY	F15
TW00167-01	LEE, CHEN-YUAN	PHARMACOLOGY	F15
AT05227-01	LUNNEY, JOAN K	IMMUNOLOGY	F32
HL05214-01	MALONEY, GREG J	BIOCHEMICAL AND MOLECULAR GENETICS	F32
GW05579-01	MELNICK, VIJAYA L	BIOCHEMISTRY	F32
GW05576-01	NICHOLSON, JESSE M	CELL DIVISION	F32
DE05073-01	OLSEN, CHARLES E	IMMUNOLOGY	F32
DE05053-01	PAGLIA, LARRY M	PROTEIN/AMINO ACID BIOCHEMISTRY	F32
DE05052-01	PENNYPACKER, JOHN P	CONNECTIVE TISSUE DISEASES	F32
TW00164-01	PICKERING, GEORGE	INTERNAL MEDICINE	F15
AT05258-01	PROCTOR, MARY E	VIROLOGY	F32
GW05571-01	RADHARAMAN, RAY	HUMAN GENETICS	F32
AT05104-01	RUBIN, BYRON H	IMMUNOCHEMISTRY	F32
DE05018-01A1	SHARKEY, MAUREEN A	PHYSICAL BIOCHEMISTRY	F32
AW05360-01	SNODGRASS, WAYNE R	TOXICOLOGY/PHARMACODYNAMICS	F32
DE05016-01A1	STFONG, LOUIS H	PHYSICAL BIOCHEMISTRY	F32
AT05141-01	THOMAS, DAVID W	IMMUNOLOGY	F32
TW02236-01	VERBRUGGEN, LEON A	PROTEIN/AMINO ACID BIOCHEMISTRY	F05
EX05073-01	WIGGERT, BARBARA N	PHYSIOLOGICAL/CLINICAL BIOCHEMISTRY	F32
AT05130-01	ZOON, KATHRYN C	PROTEIN/AMINO ACID BIOCHEMISTRY	F32
INSTITUTION TOTAL 34			
CITY TOTAL 34			
ROCKVILLE			
U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE--ALCOHOL, DRUG ABUSE, AND MENTAL HLTH ADMIN			
DE05038-01	LEWIS, CYNTHIA L	CLEFT PALATE	F32
TW02326-01	SZMIGIELSKI, ANDRZEJ	NEUROPHARMACOLOGY	F05
DE05035-01	TYLER, MARY P	CLEFT PALATE	F32
INSTITUTION TOTAL 3			

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH FELLOWSHIP AWARDS

PROGRAM

FIELD OF INTEREST

APPLICATION NUMBER FELLOW

CITY TOTAL 3

STATE TOTAL 44

MASSACHUSETTS

AMHERST

UNIVERSITY OF MASSACHUSETTS SYSTEM--UNIVERSITY OF MASSACHUSETTS AT AMHERST
MEMBRANE TRANSPORT

H05160-01

TAVERNA, RICHARD D

F32

INSTITUTION TOTAL 1

CITY TOTAL 1

BOSTON

BOSTON BIOMEDICAL RESEARCH INSTITUTE

GM05239-01 GILLIS, MARY K

ENZYME/METABOLISM BIOCHEMISTRY

F32

INSTITUTION TOTAL 1

BOSTON UNIVERSITY

H05252-01

HORNE, WILLIAM C

QUANTUM CHEMISTRY

F32

INSTITUTION TOTAL 1

CENTER FOR BLOOD RESEARCH

H05117-01

KENNEY, DIANNE M

HEMATOLOGY/IMMUNOLOGY

F32

INSTITUTION TOTAL 1

CHILDREN'S HOSPITAL

AM05300-01

PERMAN, JAY A

GASTROENTEROLOGY

F32

AM05274-01

WERLIN, STEVEN L

GASTROENTEROLOGY

F32

INSTITUTION TOTAL 2

FORSYTH DENTAL CENTER

DE05050-01

COX, DONALD S

IMMUNOCHEMISTRY

F32

INSTITUTION TOTAL 1

HARVARD UNIVERSITY

TW02255-01

BADER, CHARLES R

NEURO/MUSCULAR PHYSIOLOGY

F05

AI00347-01

BALTIMORE, ROBERT S

IMMUNOLOGY

F32

H05241-01

BARTMAN, BENJAMIN W

MOLECULAR STRUCTURE

F32

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	PROGRAM
MASSACHUSETTS			
BOSTON			
HARVARD UNIVERSITY			
AM05233-01	BROWNLEE, MICHAEL A	DIABETES	F32
DE05048-01	CLARK, WILLIAM B	PERIODONTIA	F32
AI05198-01	COHEN, STEFAN A	IMMUNOLOGY	F32
HL05211-01	ELISON, ROBERT	CARDIOVASCULAR DISEASES	F32
DE05033-01	FELDMAN, ROY S	PERIODONTIA	F32
AM05310-01	GANDA, OM P	DIABETES	F32
AI05134-01	GREINER, DIRK	IMMUNOLOGY	F32
TW00018-01	GROSS, JEROME	HISTOCHEMISTRY	F06
DE05028-01	HABER, JEROME	IMMUNOLOGY	F32
GM05264-01	HENDERSON, ISAAC C	CLINICAL PHARMACOLOGY (THERAPEUTICS)	F32
HL05187-01	HILLIS, LESLIE D	CARDIOVASCULAR DISEASES	F32
AM05236-01	HIRSCH, HARRY J	DIABETES	F32
CA05305-01	HUMPHREY, LINDA P	ONCOLOGY	F32
HL05169-01	LEHR, JOHN L	PULMONARY DISEASES	F32
TW02321-01	LEMONNIER, FRANCOIS A	CARBOHYDRATE BIOCHEMISTRY	F05
HL05106-01	LUEPKER, RUSSELL V	PULMONARY DISEASES	F32
AM05208-01	SCHONBRUNN, AGNES	ENDOCRINOLOGY	F32
AI05288-01	SCHREIBER, DAVID S	VIROLOGY	F32
EY05093-01	SEDDON, JOHANNA M	OPHTHALMOLOGY	F32
AI05240-01	SOTER, NICHOLAS A	IMMUNOLOGY	F32
AI05145-01	STASHENKO, PHILIP P	IMMUNOLOGY	F32
INSTITUTION TOTAL		24	
JOSLIN DIABETES FOUNDATION			
AM05188-01	VIGNATI, LOUIS	DIABETES	F32
INSTITUTION TOTAL		1	
MASSACHUSETTS EYE AND EAR INFIRMARY			
EY05081-01	POSTER, CHARLES S	OPHTHALMOLOGY	F32
EY05086-01	FRIEDLAENDER, MITCHELL H	OPHTHALMOLOGY	F32
INSTITUTION TOTAL		2	
MASSACHUSETTS GENERAL HOSPITAL			
DE05057-01	CHAN, WILLIAM B	ANESTHESIOLOGY IN DENTISTRY	F32
HL05228-01	JONES, JOSEPH C	DIAGNOSTIC RADIOLOGY	F32
AM05219-01	LIPSON, LOREN G	ENDOCRINE PHYSIOLOGY	F32
AM05181-01	ROSENBLATT, MICHAEL	ENDOCRINOLOGY	F32
TW02235-01	SCHOENEN, JEAN	NEUROANATOMY	F05
INSTITUTION TOTAL		5	

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NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	PROGRAM
MASSACHUSETTS			
BOSTON			
PETEP BENT BRIGHAM HOSPITAL			
HL05144-01	BAVLI, SAMUEL Z	CARDIOVASCULAR DISEASES	F32
HL05110-01	MULLER, JAMES E	CARDIOVASCULAR DISEASES	F32
AM05205-01	SAMUELS, ALAN M	LIVER DISEASES	F32
HL05140-01	WHARTON, THOMAS P, JR	CARDIOVASCULAR DISEASES	F32
INSTITUTION TOTAL 4			
TUTTS UNIVERSITY			
GM05480-01	PAINEN, LYNNE C	IMMUNOCHEMISTRY	F32
CA05413-01	ROSNER, ANTHONY L	ENDOCRINOLOGY	F32
INSTITUTION TOTAL 2			
CITY TOTAL 44			
CAMBRIDGE			
HARVARD UNIVERSITY			
AI05126-01	CURTIS, SUSAN J	VIROLOGY	F32
EY05052-01	KLINE, RICHARD P	OPHTHALMOLOGY	F32
HL05219-01	LANG, YVONNE	MEMBRANE TRANSPORT	F32
DE05046-01	PETERSON, JANE A	COMPARATIVE ANATOMY	F32
EY05075-01	PONNER, STEVEN P	OPHTHALMOLOGY	F32
INSTITUTION TOTAL 5			
MASSACHUSETTS INSTITUTE OF TECHNOLOGY			
AI05265-01	BERGET, PETER B	VIROLOGY	F32
AI05179-01	FLANEGAN, JAMES B	VIROLOGY	F32
AI02002-01	JACOBSON, ELIZABETH D	MORPHOLOGY/SYSTEMATICS	F32
TH02302-01	KUPI-HRACUCH, WALID	BIOCHEMISTRY	F05
INSTITUTION TOTAL 4			
CITY TOTAL 9			
WALTHAM			
BRANDeis UNIVERSITY			
AI05192-01	OWEN, FRANCES L	IMMUNOCHEMISTRY	F32
AI05089-01	STUX, STEPHEN V	MORPHOLOGY/SYSTEMATICS	F32
INSTITUTION TOTAL 2			
CITY TOTAL 2			
STATE TOTAL 56			

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NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	PROGRAM
MICHIGAN			
ANN ARBOR			
UNIVERSITY OF MICHIGAN			
GM05379-01	CECCHINI, GARY L	CELL BIOLOGY	F32
GM05564-01	DOUGLASS, JAMES D, JR	ORAL SURGERY	F32
DE05029-01	MALHOTRA, MANOHAR L	DENTAL MATERIALS	F32
EY05083-01	NAGY, ALLEN L	PERCEPTION	F32
CA05259-01	OTTO, CHARLOTTE A	ORGANIC SYNTHESIS	F32
AI05144-01	TOMICH, PAUL K	VIROLOGY	F32
INSTITUTION TOTAL 6			
CITY TOTAL 6			
EAST LANSING			
MICHIGAN STATE UNIVERSITY			
AI01956-01A1	CHAPNETZKY, WILLARD T	BACTERIOLOGY	F32
HL05273-01	DALZELL, WILSON J	NEURO/MUSCULAR PHYSIOLOGY	F32
GM05224-01	LEINBACH, EDWIN D	PHYSICAL CHEMISTRY	F32
INSTITUTION TOTAL 3			
CITY TOTAL 3			
ROCHESTER			
OAKLAND UNIVERSITY			
EY05092-01	HIGHTOWER, KENNETH R	OPHTHALMOLOGY	F32
INSTITUTION TOTAL 1			
CITY TOTAL 1			
STATE TOTAL 10			
MINNESOTA			
MINNEAPOLIS			
UNIVERSITY OF MINNESOTA			
AI05168-01	GREENE, WILLIAM H, JR	PARASITOLOGY	F32
HL05244-01	HADDAD, LOUIS C	PHYSICAL BIOCHEMISTRY	F32
HL05185-01	MAYER, JOHN E, JR	PULMONARY DISEASES	F32
HL05107-01	MYEROWITZ, P DAVID	PULMONARY DISEASES	F32
TW00021-01	VERNIER, ROBERT L	RENAL DISEASES	P06
INSTITUTION TOTAL 5			
CITY TOTAL 5			

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NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	PROGRAM
MINNESOTA			
ROCHESTER			
MAYO FOUNDATION			
AI05151-01	ANDERSON, WILLIAM L	IMMUNOLOGY	P32
HL05203-01	HARRIS, LOWELL D	PHYSICS	P32
INSTITUTION TOTAL	2		
MAYO FOUNDATION--MAYO CLINIC			
AI01049-01	DATTWYLER, RAYMOND J	IMMUNOLOGY	P32
INSTITUTION TOTAL	1		
MAYO FOUNDATION--MAYO MEDICAL SCHOOL			
TW02303-01	URIBE-ESQUIVEL, MISRAEL	GASTROENTEROLOGY	P05
INSTITUTION TOTAL	1		
CITY TOTAL	4		
SAINT PAUL			
UNIVERSITY OF MINNESOTA			
EY05100-01	GWIN, ROBERT M	OPHTHALMOLOGY	P32
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	10		
MISSOURI			
COLUMBIA			
UNIVERSITY OF MISSOURI SYSTEM--UNIVERSITY OF MISSOURI			
HL05184-01	WIEGMAN, DAVID L	CARDIOVASCULAR DISEASES	P32
INSTITUTION TOTAL	1		
CITY TOTAL	1		
SAINT LOUIS			
ST. LOUIS UNIVERSITY			
HL05153-01	MOXLEY, MICHAEL A	CARDIOVASCULAR/PULMONARY PHYSIOLOGY	P32
INSTITUTION TOTAL	1		
CITY TOTAL	1		

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NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	PROGRAM
MISSOURI			
UNIVERSITY CITY			
WASHINGTON UNIVERSITY			
AI05178-01	ALEVY, Yael G	IMMUNOCHEMISTRY	F32
HI05136-01	DAVIS, GERALD L	CARDIOVASCULAR DISEASES	F32
HI05223-01	DOMBROSE, FREDERICK A	FAT AND LIPID BIOCHEMISTRY	F32
AI05164-01	JACOBSON, ERIC S	BACTERIOLOGY	F32
TH02228-01	NJA, ARILD	NEUROLOGY	F05
AI05115-01	ORTBALS, DAVID W	IMMUNOLOGY	F32
INSTITUTION TOTAL 6			
CITY TOTAL 6			
STATE TOTAL 8			
NEW JERSEY			
PRINCETON			
PRINCETON UNIVERSITY			
HD02858-01	JOHNSON, RICHARD C	EPIDEMIOLOGY OF POPULATION DYNAMICS	F32
INSTITUTION TOTAL 1			
CITY TOTAL 1			
STATE TOTAL 1			
NEW YORK			
ALBANY			
UNION COLLEGE AND UNIVERSITY SYSTEM--ALBANY MEDICAL COLLEGE			
HI05120-01	O'CONNOR, PHILIP J	GASTROENTEROLOGY	F32
INSTITUTION TOTAL 1			
CITY TOTAL 1			
BUFFALO			
NEW YORK STATE DEPARTMENT OF HEALTH--ROSWELL PARK MEMORIAL INSTITUTE			
CA05319-01	MERRITMAN, RONALD L	EXPERIMENTAL PATHOLOGY	F32
INSTITUTION TOTAL 1			
STATE UNIVERSITY OF NEW YORK AT BUFFALO			
HI05197-01	ACKERMAN, RALPH A	CARDIOVASCULAR/PULMONARY PHYSIOLOGY	F32
AI05182-01	BREEN, JOHN F	BACTERIOLOGY	F32

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NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	PROGRAM
NEW YORK BUFFALO STATE UNIVERSITY OF NEW YORK AT BUFFALO EY05084-01	DAHL, ROY D	NEURO/MUSCULAR PHYSIOLOGY	F32
INSTITUTION TOTAL	3		
CITY TOTAL	4		
ITHACA CORNELL UNIVERSITY AI05208-01 GM05437-01 EY05045-01	BEACHY, ROGER N LEMLEY, ANN T PATON, MARTHA C	VIROLOGY MOLECULAR STRUCTURE EXPERIMENTAL SURGERY	F32 F32 F32
INSTITUTION TOTAL	3		
CITY TOTAL	3		
NEW YORK CITY UNIVERSITY OF NEW YORK--BROOKLYN COLLEGE EY05058-01 EY05047-01	SIMON, LYNN G TENNE, LEONARD A	NEURO/MUSCULAR PHYSIOLOGY PHYSIOLOGY	F32 F32
INSTITUTION TOTAL	2		
CITY UNIVERSITY OF NEW YORK--GRADUATE SCHOOL AND UNIVERSITY CENTER HD05067-01	WHITE, SHEILA J	LANGUAGE, COMMUNICATION, AND SPEECH	F32
INSTITUTION TOTAL	1		
CITY UNIVERSITY OF NEW YORK--MOUNT SINAI SCHOOL OF MEDICINE HD05038-01	TIMMERS, KIM I	HORMONE/VITAMIN BIOCHEMISTRY	F32
INSTITUTION TOTAL	1		
COLUMBIA UNIVERSITY GM05436-01 AI05132-01 EY05072-01	LINDMARK, ALAN F NELSON, RANDALL B WORGUL, BASIL V	INORGANIC CHEMISTRY ORGANIC SYNTHESIS OPHTHALMOLOGY	F32 F32 F32
INSTITUTION TOTAL	3		
CORNELL UNIVERSITY MEDICAL CENTER AI05154-01	DEKRUYPF, ROSEMARIE H	IMMUNOLOGY	F32

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RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	PROGRAM
NEW YORK			
NEW YORK			
CORNELL UNIVERSITY	MEDICAL CENTER		
TW00032-01	SCHWARTZ, DORIS R	SOCIAL WORK, AGING	F06
AT05112-01	SOGN, DOROTHY D	IMMUNOLOGY	F32
ES05058-01	WAPD, DAVID M	ENVIRONMENTAL SCIENCES	F32
INSTITUTION TOTAL	4		
NEW YORK CITY HEALTH SERVICES ADMINISTRATION--PUBLIC HEALTH RESEARCH INSTITUTE OF CITY OF N Y			
AT05206-01	GUERRY, PATRICIA	BIOCHEMICAL AND MOLECULAR GENETICS	F32
INSTITUTION TOTAL	1		
NEW YORK UNIVERSITY			
AT05136-01	CZOP, JOYCE K	IMMUNOCHEMISTRY	F32
EY05059-01	DEGNAN, KEVIN J	NEURO/MUSCULAR PHYSIOLOGY	F32
AT05196-01	DEWEY, A FAYE	IMMUNOLOGY	F32
AT05221-01	FOLEY, DAVID A	PARASITOLOGY	F32
ES05016-01	MAPHOR, MICHAEL	EXPERIMENTAL RADIOLOGY	F32
INSTITUTION TOTAL	5		
POCKEFELLER UNIVERSITY			
AT05250-01	CHEN, LEI L	IMMUNOLOGY	F32
AT05181-01	PFASER, BLAIR A	IMMUNOCHEMISTRY	F32
AT05135-01	GRAVES, MICHAEL C	VIROLOGY	F32
EY05090-01	LANTZ, ROBERT C	NEURO/MUSCULAR PHYSIOLOGY	F32
AT05165-01	LYLES, DOUGLAS S	VIROLOGY	F32
INSTITUTION TOTAL	5		
SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH			
AT05162-01	LIPTER, JOHN	IMMUNOCHEMISTRY	F32
INSTITUTION TOTAL	1		
YESHIVA UNIVERSITY			
ES05048-01	AVIV, ABRAHAM	PEDIATRIC RENAL DISEASE	F32
GM05198-01	FALKE, ERNEST V	GENETICS	F32
HL05142-01	NELSON, GEORGE R	CARDIOVASCULAR DISEASES	F32
HL05162-01	SCHWARTING, GERALD A	HEMATOLOGY/IMMUNOLOGY	F32
EY05055-01	STEINACKER, ANTOINETTE	OPHTHALMOLOGY	F32
AT05114-01	FRISCHMANN, THOMAS M	VIROLOGY	F32
INSTITUTION TOTAL	6		
CITY TOTAL	29		

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NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	PROGRAM
NEW YORK			
POCHESTER			
GENESEE HOSPITAL			
AM05329-01	RHODES, ROSS A	RENAL DISEASES	P32
INSTITUTION TOTAL	1		
UNIVERSITY OF POCHESTER			
HL05168-01	DANIEL, ALAN	CARDIOVASCULAR DISEASES	P32
TW00001-01	JAENIKE, JOHN R	HUMAN GENETICS	P06
ES05017-01	MERIGAN, WILLIAM H, JR	PSYCHOPHARMACOLOGY	P32
TW00026-01	NEUMAN, WILLIAM F	TOXICOLOGY/PHARMACODYNAMICS	P06
AM05184-01	THOMPSON, DEAN A	NUTRITION	P32
AI02463-01A1	WADE, THOMAS J	MICROBIOLOGY	P32
INSTITUTION TOTAL	6		
CITY TOTAL	7		
STONY BROOK			
STATE UNIVERSITY OF NEW YORK AT STONY BROOK			
CA05346-01	PUNDELL, MARY K	VIROLOGY	P32
INSTITUTION TOTAL	1		
CITY TOTAL	1		
SYRACUSE			
SYRACUSE UNIVERSITY			
GM05587-01	BARRANDA, ERLINDA G	GENERAL PSYCHOLOGY	P32
INSTITUTION TOTAL	1		
CITY TOTAL	1		
UPTON			
ASSOCIATED UNIVERSITIES--BROOKHAVEN NATIONAL LABORATORY			
GM05444-01	ROSENTHAL, ALLAN L	BIOCHEMICAL AND MOLECULAR GENETICS	P32
HL05172-01	TUHY, PETER M	HEMATOLOGY/IMMUNOLOGY	P32
INSTITUTION TOTAL	2		
CITY TOTAL	2		
STATE TOTAL	48		

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NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	PROGRAM
NORTH CAROLINA			
CHAPEL HILL			
UNIVERSITY OF NORTH CAROLINA SYSTEM--UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL			
AT05150-01	ANDERSON, EDWIN L	IMMUNOCHEMISTRY	F32
HL05114-01	BRODIE, BRUCE R	CARDIOVASCULAR DISEASES	F32
GM05582-01	DUNCAN, HOWARD B	PARASITOLOGY	F32
AM05240-01	GIEBEL, PETER E	GASTROENTEROLOGY	F32
DR05031-01	HOARD, MARTIN A	ORAL SURGERY	F32
AM05221-01	LAMB, JAMES C, IV	EXPERIMENTAL PATHOLOGY	F32
DR05025-01	LEE, HAI B	DENTAL MATERIALS	F32
AT05216-01	LEE, TERRENCE J	BACTERIOLOGY	F32
AT05125-01	LEMON, STANLEY M	VIROLOGY	F32
AT05219-01	WINTER, PAUL F	BACTERIOLOGY	F32
INSTITUTION TOTAL		10	
CITY TOTAL		10	
DURHAM			
DUKE UNIVERSITY			
HL05137-01	EDWARDS, CHARLES H, II	THORACIC SURGERY	F32
GM05411-01	FORSTER, JEAN L	GENETICS	F32
AM05304-01	GRISSOM, FELIX E	ENDOCRINOLOGY	F32
HL05208-01	LA MANNA, JOSEPH C	CARDIOVASCULAR/PULMONARY PHYSIOLOGY	F32
HY05101-01	NORDEN, JEANETTE J	NEUROANATOMY	F32
GM05245-01	PARENTTIER, JAMES L	NEUROPHARMACOLOGY	F32
HL05182-01	RANKIN, JAMES S	CARDIOVASCULAR DISEASES	F32
HL05131-01	TOPRE-BUENO, JOSE R	CARDIOVASCULAR/PULMONARY PHYSIOLOGY	F32
INSTITUTION TOTAL		8	
CITY TOTAL		8	
RESEARCH TRIANGLE PARK			
U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE--NIEHS ENVIRONMENTAL HEALTH SCIENCES CENTER			
ES05013-01	HUNG, CHING-YUAN	PSYCHOPHARMACOLOGY	F32
ES05022-01	RIDLINGTON, JAMES W	CLINICAL NUTRITION	F32
ES05001-01	SEAMAN, RONALD L	CARDIOVASCULAR DISEASES	F32
INSTITUTION TOTAL		3	
CITY TOTAL		3	
STATE TOTAL		21	

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NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	PROGRAM
OHIO			
CINCINNATI			
UNIVERSITY OF CINCINNATI			
TW00022-01	KLEINMAN, LEONARD I	RENAL DISEASES	F06
DE05037-01	KUHN, EVELYN M	CLEFT PALATE	F32
HI05129-01	MULLINS, MARGARET M	CARDIOVASCULAR DISEASES	F32
ES05042-01	SIGWART, CHARLES D	PHARMACOLOGY	F32
ES05041-01	TSAY, JIA-YEONG	BIOSTATISTICS	F32
INSTITUTION TOTAL 5			
CITY TOTAL 5			
CLEVELAND			
CASE WESTERN RESERVE UNIVERSITY			
TW00012-01	AIKAWA, MASAMICHI	TROPICAL MEDICINE	F06
TW02280-01	HAYASHI, MICHIO	ORTHOPEDIC SURGERY	F05
INSTITUTION TOTAL 2			
CITY TOTAL 2			
COLUMBUS			
OHIO STATE UNIVERSITY			
EY05038-01	LOSHIN, DAVID S	OPHTHALMOLOGY	F32
INSTITUTION TOTAL 1			
CITY TOTAL 1			
STATE TOTAL 8			
OKLAHOMA			
NORMAN			
UNIVERSITY OF OKLAHOMA			
AI05177-01	ANDERSON, NANCY K	BACTERIOLOGY	F32
INSTITUTION TOTAL 1			
CITY TOTAL 1			
STATE TOTAL 1			
OREGON			
EUGENE			
OREGON STATE HIGHER EDUCATION SYSTEM--UNIVERSITY OF OREGON			
GM05326-01	HARRIS, THOMAS D	ORGANIC SYNTHESIS	F32

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NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	PROGRAM
INSTITUTION TOTAL	1		
CITY TOTAL	1		
OREGON			
PORTLAND			
OREGON STATE HIGHER EDUCATION SYSTEM--UNIVERSITY OF OREGON HEALTH SCIENCES CENTER			
AI05232-01	LUSTER, MICHAEL I	IMMUNOCHEMISTRY	F32
HL05170-01	MATHESON, ROBERT T	HEMATOLOGY/IMMUNOLOGY	F32
HL05155-01	MILLER, RICHARD D	BACTERIOLOGY	F32
HL05175-01	POTTER, DONALD M	REPRODUCTIVE PHYSIOLOGY	F32
TW00019-01	TANZ, RALPH D	PHARMACO-ENDOCRINOLOGY	F06
INSTITUTION TOTAL	5		
CITY TOTAL	5		
STATE TOTAL	6		
PENNYSYLVANIA			
BETHLEHEM			
LEHIGH UNIVERSITY			
AI05194-01	YOSHINO, TIMOTHY P	PARASITOLOGY	F32
INSTITUTION TOTAL	1		
CITY TOTAL	1		
HERSHEY			
PENNYSYLVANIA STATE UNIVERSITY MILTON S. HERSHEY MEDICAL CENTER			
AI05237-01	BRESCHKIN, ALAN M	VIROLOGY	F32
AI05120-01	MORGAN, EXEEN M	VIROLOGY	F32
INSTITUTION TOTAL	2		
CITY TOTAL	2		
PHILADELPHIA			
HAHNEMANN MEDICAL COLLEGE AND HOSPITAL OF PHILADELPHIA			
TW00002-01	CUDKOWICZ, LEON	PSYCHOPHARMACOLOGY	F06
INSTITUTION TOTAL	1		
PENNYSYLVANIA COLLEGE OF OPTOMETRY			
EY05053-01	KLINGAMAN, ROGER L	ANESTHESIOLOGY	F32
INSTITUTION TOTAL	1		
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NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	PROGRAM
PENNSYLVANIA			
PHILADELPHIA			
GENERAL HOSPITAL			
HL05151-01	MACARAK, EDWARD J	FAT AND LIPID BIOCHEMISTRY	F32
INSTITUTION TOTAL	1		
TEMPLE UNIVERSITY			
AI05026-01	MAIER, THOMAS W	BACTERIOLOGY	F32
DE05027-01	MYCHAJLONKA, MYRON	MICROBIAL BIOCHEMISTRY	F32
HL05190-01	SANTAMORE, WILLIAM P	CARDIOVASCULAR DISEASES	F32
INSTITUTION TOTAL	3		
UNIVERSITY OF PENNSYLVANIA			
AM05201-01	DUBB, JEFFREY W	RENAL DISEASES	F32
HL05205-01	FRIEND, ALBERT W, JR	CARDIOVASCULAR/PULMONARY PHYSIOLOGY	F32
AI05171-01	GOIDL, EDMOND A	IMMUNOCHEMISTRY	F32
AI05186-01	HAPLEY, JOHN B	BACTERIOLOGY	F32
HL05118-01	KINNEY, THOMAS R	PEDIATRIC HEMATOLOGY	F32
AM05183-01	LYON, DAVID T	GASTROENTEROLOGY	F32
HL05152-01	MORRISON, GAIL	EXCRETORY PHYSIOLOGY	F32
HL05143-01	SIMSON, MICHAEL B	CARDIOVASCULAR DISEASES	F32
GM05226-01	SMITH, JERRY C	PHYSICAL CHEMISTRY	F32
HL05237-01	SPARKS, CHARLES E	FAT AND LIPID BIOCHEMISTRY	F32
AI05269-01	WOODLAND, ROBERT T	IMMUNOLOGY	F32
INSTITUTION TOTAL	11		
WISTAR INSTITUTE OF ANATOMY AND BIOLOGY			
HL05176-01	ROSEN, JOEL M	FAT AND LIPID BIOCHEMISTRY	F32
INSTITUTION TOTAL	1		
CITY TOTAL	18		
PITTSBURGH			
CARNEGIE-MELLON UNIVERSITY			
EY05062-01	SCHWEITZER-TONG, DAN E	NEURO/MUSCULAR PHYSIOLOGY	F32
INSTITUTION TOTAL	1		
UNIVERSITY OF PITTSBURGH			
EY05089-01	MONDINO, BARTLEY J	OPHTHALMOLOGY	F32
HL05274-01	THEOBALD, ROBERT J	PHARMACOLOGY	F32
INSTITUTION TOTAL	2		

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	PROGRAM
CITY TOTAL	3		
STATE TOTAL	24		
SOUTH CAROLINA			
COLUMBIA			
UNIVERSITY OF SOUTH CAROLINA			
GM05586-01	CANTOR, ALAN B	MATHEMATICS	P32
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	1		
TENNESSEE			
KNOXVILLE			
UNIVERSITY OF TENNESSEE SYSTEM--UNIVERSITY OF TENNESSEE AT KNOXVILLE			
GM05578-01	MEHROTRA, BAH D	PHYSICAL BIOCHEMISTRY	P32
INSTITUTION TOTAL	1		
CITY TOTAL	1		
NASHVILLE			
MEHARRY MEDICAL COLLEGE			
GM05569-01	DAVIS, ELAINE J	MICROBIOLOGY	P32
INSTITUTION TOTAL	1		
VANDERBILT UNIVERSITY			
HL05233-01	BOUCEK, ROBERT J, JR	CARDIOVASCULAR DISEASES	P32
ES05006-01	HINDERER, ROBERT K	INSECTICIDE STUDIES	P32
AM05280-01	MARSHALL, JAY P. II	LIVER DISEASES	P32
HL05446-01	SENNETT, JORDAN A	CARDIOVASCULAR DISEASES	P32
EY05074-01	WAGOR, EARL F	NEURO/MUSCULAR PHYSIOLOGY	P32
INSTITUTION TOTAL	5		
CITY TOTAL	6		
STATE TOTAL	7		
TEXAS			
AUSTIN			
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS AT AUSTIN			
HL05242-01	ATHA, DONALD H	HEMATOLOGY/IMMUNOLOGY	P32

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	PROGRAM
TEXAS			
AUSTIN			
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS AT AUSTIN			
RS05047-01	ROGERS, JOHN E	MICROBIAL BIOCHEMISTRY	F32
AI00208-01A1	TEHERANI, JANE A	IMMUNOLOGY	F32
INSTITUTION TOTAL	3		
CITY TOTAL	3		
DALLAS			
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT DALLAS			
AM05152-01	SITTLER, STEPHEN S	VIROLOGY	F32
INSTITUTION TOTAL	1		
CITY TOTAL	1		
GALVESTON			
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS MEDICAL BRANCH AT GALVESTON			
HL05109-01	AYACHI, SALAH	PULMONARY DISEASES	F32
HL05145-01	DORNER, KENNETH J	CARDIOVASCULAR DISEASES	F32
HL05245-01	TULEY, FLOYD H, JR	PHYSICAL CHEMISTRY	F32
INSTITUTION TOTAL	3		
CITY TOTAL	3		
HOUSTON			
BAYLOR COLLEGE OF MEDICINE			
EY05102-01	DUDLEY, PETER A	OPHTHALMOLOGY	F32
INSTITUTION TOTAL	1		
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON			
AM05246-01	GAPDNER, RUSSELL M	PHARMACO-ENDOCRINOLOGY	F32
EY05068-01	LANUM, IRIS C	SENSORY PROCESSES	F32
TW00028-01	SCANLON, JOHN E	IMMUNOLOGY	F06
INSTITUTION TOTAL	3		
CITY TOTAL	4		
SAN ANTONIO			
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT SAN ANTONIO			
AI05255-01	WINTER, DAVID E	MEDICINAL/PHARMACEUTICAL CHEMISTRY	F32
INSTITUTION TOTAL	1		

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	PROGRAM
CITY TOTAL	1		
STATE TOTAL	12		
UTAH			
SALT LAKE CITY			
UTAH STATE HIGHER EDUCATION SYSTEM--UNIVERSITY OF UTAH			
HL05224-01	ALVAREZ, VERNON L	PHYSICAL BIOCHEMISTRY	F32
DE05039-01	GOTCHER, JACK E, JR	PERIODONTIA	F32
AI05174-01	GURNEY, ELIZABETH T	VIROLOGY	F32
DE05054-01	HANSON, GLEN R	PHARMACOLOGY	F32
ES05002-01	LIVINGSTON, GORDON K	RADIOISOTOPES	F32
DE05026-01	MILTENBERGER, LEWIS W	RADIOLOGY	F32
TW02268-01	STELLWAG-CARION, FRITZ M	MULTIDISCIPLINARY BASIC MEDICAL SCIENCES	F05
INSTITUTION TOTAL	7		
CITY TOTAL	7		
STATE TOTAL	7		
VIRGINIA			
CHARLOTTESVILLE			
UNIVERSITY OF VIRGINIA			
TW00043-01	HAWKINS, DAVID R	EDUCATIONAL PSYCHOLOGY	F06
EY05077-01	KRAIZ, KENNETH E	NEURO/MUSCULAR PHYSIOLOGY	F32
HL05221-01	SCHWABER, JAMES S	PSYCHOLOGICAL PSYCHOLOGY	F32
HL05132-01	VAN HARN, GORDON L	CARDIOVASCULAR DISEASES	F32
AM05165-01	WAKAT, DIANE K	HORMONE/VITAMIN BIOCHEMISTRY	F32
HL05220-01	YEAGLE, PHILIP L	MEMBRANE TRANSPORT	F32
INSTITUTION TOTAL	6		
CITY TOTAL	6		
STATE TOTAL	6		
WASHINGTON			
SEATTLE			
UNIVERSITY OF WASHINGTON			
AM05156-01	CHIDCKEL, ELLIOTT W	ENDOCRINOLOGY	F32
PS05005-01	POSTER, KENNETH R	NEUROPHARMACOLOGY	F32
AM05232-01	MAY, JAMES M	DIABETES	F32
HL05209-01	POWELL, JAMES R	PULMONARY DISEASES	F32

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	PROGRAM
WASHINGTON			
SEATTLE			
UNIVERSITY OF WASHINGTON			
CA05225-01	ROSEN, HENRY	RADIATION	F32
AI05039-01	SHIPLEY, PATRICIA L	BACTERIOLOGY	F32
TW00015-01	TAMARIN, ARNOLD	NEUROLOGY AND BEHAVIOR	P06
AM05239-01	TURNER, JOHN L	DIABETES	F32
AI05169-01	WHISLER, HOWARD C	PARASITOLOGY	F32
DE05036-01	YODA, WAYNE T	PERIODONTIA	F32
INSTITUTION TOTAL	10		
CITY TOTAL	10		
STATE TOTAL	10		
WEST VIRGINIA			
MORGANTOWN			
WEST VIRGINIA UNIVERSITY			
TW00006-01	CRAIG, CHARLES R	BIOCHEMICAL AND NUTRITIONAL PROCESSES	P06
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	1		
WISCONSIN			
MADISON			
UNIVERSITY OF WISCONSIN SYSTEM--UNIVERSITY OF WISCONSIN-MADISON			
HL05202-01	CARLSON, SUSAN F	ANIMAL NUTRITION	F32
TW00007-01	DOVE, WILLIAM F	DEVELOPMENTAL GENETICS	P06
HD00618-01	STORMSHAK, FREDRICK	PHARMACO-ENDOCRINOLOGY	F32
AM05169-01	TUMAN, ROBERT W	ENZYME/METABOLISM BIOCHEMISTRY	F32
AI05127-01	WARREN, RICHARD L, JR	MOLECULAR BIOLOGY	F32
INSTITUTION TOTAL	5		
CITY TOTAL	5		
MILWAUKEE			
MARQUETTE UNIVERSITY			
GM05341-01	O'BRIEN, WILLIAM J	CELL PHYSIOLOGY	F32
INSTITUTION TOTAL	1		

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	PROGRAM
WISCONSIN			
MILWAUKEE			
MEDICAL COLLEGE OF WISCONSIN			
TH000005-01	TAKETA, FUMITO C	CELL PHYSIOLOGY	F06
GM05227-01	WEBSTER, ROBERT W, JR	ENZYME/METABOLISM BIOCHEMISTRY	F32
INSTITUTION TOTAL	2		
CITY TOTAL	3		
STATE TOTAL	8		
AUSTRALIA			
CANBERRA			
AUSTRALIAN NATIONAL UNIVERSITY			
EY05039-01	THIBOS, LARRY N	OPHTHALMOLOGY	F32
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	1		
CANADA			
VANCOUVER			
UNIVERSITY OF BRITISH COLUMBIA			
CA05397-01	BOKELMAN, GORDON H	ORGANIC SYNTHESIS	F32
EY05097-01	KOTTLER, MICHAEL S	OPHTHALMOLOGY	F32
INSTITUTION TOTAL	2		
CITY TOTAL	2		
STATE TOTAL	2		
FRANCE			
STRASBOURG			
NATIONAL CENTER FOR SCIENTIFIC RESEARCH--STRASBOURG		MACROMOLECULAR LABORATORIES	
EY05064-01	SCHAEFFER, JAMES M	PHYSIOLOGY	F32
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	1		

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	PROGRAM
NETHERLANDS			
AMSTERDAM			
UNIVERSITY OF AMSTERDAM	WEISLOGEL, PAUL O	MOLECULAR BIOLOGY	F32
GM05338-01			
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	1		
SWITZERLAND			
BASEL			
UNIVERSITY OF BASEL	ONOPATO, LOUISE C	VIROLOGY	F32
AI05263-01			
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	1		
UNITED KINGDOM			
BRISTOL			
UNIVERSITY OF BRISTOL	BOCK, PAUL E	HEMATOLOGY/IMMUNOLOGY	F32
HL05154-01			
INSTITUTION TOTAL	1		
CITY TOTAL	1		
BUCKSBURN			
POWETT RESEARCH INSTITUTE	HOEKSTRA, WILLIAM G	ENZYME/METABOLISM BIOCHEMISTRY	F32
AM05164-01			
INSTITUTION TOTAL	1		
CITY TOTAL	1		
CAMBRIDGE			
UNIVERSITY OF CAMBRIDGE	SPPINGER, TIMOTHY A	IMMUNOLOGY	F32
AI05257-01			
INSTITUTION TOTAL	1		
CITY TOTAL	1		

NIH
RESEARCH FELLOWSHIP AWARDS

PROGRAM

FIELD OF INTEREST

APPLICATION NUMBER FELLOW

UNITED KINGDOM

GLASGOW

UNIVERSITY OF GLASGOW

A105273-01

A105124-01

GORSKI, JACK A

NEILSON, JOHN T

INSTITUTION TOTAL 2

CITY TOTAL 2

IMMUNOCHEMISTRY

PARASITOLOGY

F32

F32

LONDON

ROYAL COLLEGE OF SURGEONS OF ENGLAND

A105190-01 NOBLE, BERNICE

INSTITUTION TOTAL 1

CITY TOTAL 1

IMMUNOLOGY

F32

OXFORD

RADCLIFFE INFIRMARY

H105177-01

ROBINSON, JAMES L

INSTITUTION TOTAL 1

CITY TOTAL 1

CARDIOVASCULAR DISEASES

F32

STATE TOTAL 7

429

TOTAL

NIH
RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH	PROGRAM
ALABAMA BIRMINGHAM UNIVERSITY OF ALABAMA IN BIRMINGHAM EY00033-01	OYSTER, CLYDE W	NEURAL INTERACTIONS IN THE RETINA AND VISUAL PATHWAYS	K04
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	1		
CALIFORNIA LA JOLLA UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT SAN DIEGO EY00027-01	POSTER, MARGARET C	BIOPHYSICAL STUDIES OF VISUAL RECEPTORS	K07
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STANFORD STANFORD UNIVERSITY EY00004-01	SAKITT, BARBARA	PHYSICAL AND NEURAL BASIS OF SENSATION AND PERCEPTION	K04
INSTITUTION TOTAL	1		
CITY TOTAL	1		
TOPPANCE LOS ANGELES COUNTY HEALTH SERVICES DEPARTMENT--LOS ANGELES COUNTY HARBOR GENERAL HOSPITAL EY00030-01	EDWARDS, JOHN E	HEMATOGENOUS CANDIDA ENDOPHTHALMITIS	K07
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	3		
CONNECTICUT NEW HAVEN YALE UNIVERSITY EY60037-01	GREGORY, DOUGLAS S	CONTROL OF AQUEOUS HUMOR FORMATION	K07
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	1		

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH	PROGRAM
NIH RESEARCH CAREER PROGRAM AWARDS			
ILLINOIS CHICAGO MICHAEL REESE HOSPITAL AND MEDICAL CENTER AI00055-01	DIAMOND, RICHARD D	CELLULAR IMMUNITY IN OPPORTUNISTIC MYCOSES	K04
INSTITUTION TOTAL CITY TOTAL	1 1		
URBANA UNIVERSITY OF ILLINOIS SYSTEM--UNIVERSITY OF ILLINOIS AT URBANA--CHAMPAIGN EY00025-01	EBREY, THOMAS G	MECHANISM OF VISUAL EXCITATION	K01
INSTITUTION TOTAL CITY TOTAL	1 1		
STATE TOTAL	2		
INDIANA BLOOMINGTON INDIANA UNIVERSITY SYSTEM--INDIANA UNIVERSITY AT BLOOMINGTON AM00061-01	ELIZONDO, REYNALDO S	THERMOREGULATION IN THE RHESUS MONKEY	K04
INSTITUTION TOTAL CITY TOTAL	1 1		
WEST LAFAYETTE PURDUE UNIVERSITY EY00009-01	PINTO, LAWRENCE H	PHOTORECEPTOR SIGNAL GENERATION	K04
INSTITUTION TOTAL CITY TOTAL	1 1		
STATE TOTAL	2		
LOUISIANA NEW ORLEANS TULANE UNIVERSITY AM00076-01	IGNARRO, LOUIS J	BIOREGULATION OF LYSOSOMAL ENZYME SECRETION	K04
INSTITUTION TOTAL CITY TOTAL	1 1		
STATE TOTAL	1		

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH	PROGRAM
MASSACHUSETTS BOSTON HARVARD UNIVERSITY EY00034-01	CHYLACK, LEO T, JR	LENS METABOLISM AND CATARACT FORMATION	K04
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	1		
MINNESOTA MINNEAPOLIS UNIVERSITY OF MINNESOTA AM00126-01A1 AM00161-01	SCHWEINMAN, JON I SUTHERLAND, DAVID E	SMOOTH MUSCLE PROTEINS IN DIABETIC VASCULAR DISEASE ISOLATION AND TRANSPLANTATION OF PANCREATIC ISLETS	K04 K04
INSTITUTION TOTAL	2		
CITY TOTAL	2		
STATE TOTAL	2		
NEW YORK NEW YORK COLUMBIA UNIVERSITY EY00023-01 HL00036-01	HOLLYFIELD, JOE G JAN, KUNG-MING	DEVELOPMENT OF THE RETINA AND PIGMENT EPITHELIUM RHEOLOGY OF RBC INTERACTION IN HEALTH AND DISEASE	K04 K04
INSTITUTION TOTAL	2		
NEW YORK UNIVERSITY EY00005-01	GUNNISON, ALBERT F	MAMMALIAN TOXICOLOGY OF SO2 AND SULFITE SALTS	K04
INSTITUTION TOTAL	1		
POCKEPPEL UNIVERSITY EY00010-01	ALVARES, ALVITO P	TOXICOLOGY OF ENVIRONMENTAL POLLUTANTS	K04
INSTITUTION TOTAL	1		
YESHIVA UNIVERSITY EY00003-01	HIGHSTEIN, STEPHEN M	OCULOMOTOR SYNAPTIC LINKAGE C N S SYNAPTIC TRANSMISSION	K04
INSTITUTION TOTAL	1		
CITY TOTAL	5		

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH	PROGRAM
NEW YORK POCHESTER UNIVERSITY OF ROCHESTER ES00017-01	POLAND, ALAN P	TOXICITY OF 2,3,7,8-TETROCHLORODIBENZO-P-DIOXIN	K04
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	6		
NORTH CAROLINA CHAPEL HILL UNIVERSITY OF NORTH CAROLINA SYSTEM--UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL AM00119-01	BRIGGAMAN, ROBERT A	EPIDERMAL-DERMAL JUNCTION AND BULLOUS DISEASES	K04
INSTITUTION TOTAL	1		
CITY TOTAL	1		
DURHAM DUKE UNIVERSITY EY00035-01	COSTELLO, MARTIN J, III	X-PAY AND FREEZE-PRACTURE STUDIES ON DISK MEMBRANES	K07
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	2		
OREGON PORTLAND OREGON STATE HIGHER EDUCATION SYSTEM--UNIVERSITY OF OREGON HEALTH SCIENCES CENTER EY00022-01	WELEBER, RICHARD G	LINKAGE STUDIES IN OCULAR DISEASE	K07
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	1		
PENNSYLVANIA PHILADELPHIA WILLS EYE HOSPITAL EY00032-01	FELBERG, NORMAN T	IMMUNOLOGIC INVESTIGATION OF OCULAR MALIGNANCIES	K07
INSTITUTION TOTAL	1		

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH CAREER PROGRAM AWARDS

PROGRAM

PRINCIPAL AREA OF RESEARCH

GRANT NUMBER AWARD

CITY TOTAL 1

STATE TOTAL 1

TEXAS

HOUSTON

BAYLOR COLLEGE OF MEDICINE

AM00052-01

BARNES, EUGENE M, JR

MECHANISMS OF TRANSPORT IN MEMBRANE VESICLES

K04

INSTITUTION TOTAL 1

CITY TOTAL 1

STATE TOTAL 1

VIRGINIA

CHARLOTTESVILLE

UNIVERSITY OF VIRGINIA

EY00020-01

SHERMAN, S MURRAY

MAMMALIAN VISUAL DEVELOPMENT AND AMBLYOPIA

K04

INSTITUTION TOTAL 1

CITY TOTAL 1

STATE TOTAL 1

TOTAL 25

NIH
MEDICAL LIBRARY GRANTS

DOLLARS
AWARDED

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CALIFORNIA			
FRESNO			
PRESNO COMMUNITY HOSPITAL			
LM02647-01	HELZER, JAMES D	MEDICAL LIBRARY RESOURCE IMPROVEMENT SUPPORT	2,974
INSTITUTION TOTAL	1	2,974	
CITY TOTAL	1	2,974	2,974
MERCED			
MERCED COMMUNITY MEDICAL CENTER			
LM02662-01	VOLLA, STEVE	MEDICAL LIBRARY RESOURCE IMPROVEMENT SUPPORT	2,465
INSTITUTION TOTAL	1	2,465	
CITY TOTAL	1	2,465	2,465
STATE TOTAL	2	5,439	
MISSISSIPPI			
JACKSON			
HINDS GENERAL HOSPITAL			
LM02648-01	WILSON, ROBERT G	MEDICAL LIBRARY RESOURCE IMPROVEMENT SUPPORT	3,000
INSTITUTION TOTAL	1	3,000	
CITY TOTAL	1	3,000	3,000
STATE TOTAL	1	3,000	
NEW YORK			
WASSAIC			
NEW YORK STATE DEPARTMENT OF MENTAL HYGIENE--WASSAIC DEVELOPMENTAL CENTER			
LM02556-01	MONAGHAN, PATRICIA	MEDICAL LIBRARY RESOURCE IMPROVEMENT SUPPORT	3,000
INSTITUTION TOTAL	1	3,000	
CITY TOTAL	1	3,000	3,000
STATE TOTAL	1	3,000	
OREGON			
PORTLAND			
EMANUEL HOSPITAL			
LM02481-01	UHLAND, HUGO	MEDICAL LIBRARY RESOURCE IMPROVEMENT SUPPORT	3,000
INSTITUTION TOTAL	1	3,000	

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
MEDICAL LIBRARY GRANTS

DOLLARS
AWARDED

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CITY TOTAL	1	3,000	
STATE TOTAL	1	3,000	
SOUTH DAKOTA			
ABERDEEN			
ST. LUKE'S HOSPITAL			
LM02671-01	PATTON, DAVID W	MEDICAL LIBRARY RESOURCE IMPROVEMENT SUPPORT	2,500
INSTITUTION TOTAL	1	2,500	
CITY TOTAL	1	2,500	
BROOKINGS			
BROOKINGS HOSPITAL AND BROOKVIEW MANOR			
LM02499-01	POLK, ROBERT L	MEDICAL LIBRARY RESOURCE IMPROVEMENT SUPPORT	2,800
INSTITUTION TOTAL	1	2,800	
CITY TOTAL	1	2,800	
STATE TOTAL	2	5,300	
TENNESSEE			
NASHVILLE			
MID-CUMBERLAND COMPREHENSIVE HEALTH PLANNING COUNCIL			
LM02665-01	O'CONNELL, OWEN P	MEDICAL LIBRARY RESOURCE IMPROVEMENT SUPPORT	3,353
INSTITUTION TOTAL	1	3,353	
CITY TOTAL	1	3,353	
STATE TOTAL	1	3,353	
TEXAS			
GILMER			
NORTHEAST TEXAS COUNCIL OF HEALTH RESOURCES			
LM02348-01	GLENN, VERNON B	LIBRARY SERVICES CONSORTIUM	16,914
INSTITUTION TOTAL	1	16,914	
CITY TOTAL	1	16,914	
STATE TOTAL	1	16,914	
TOTAL	9	40,006	

* I UDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

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NATIONAL INSTITUTES OF HEALTH
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REPORT 19M

NATIONAL INSTITUTES OF HEALTH NEW GRANTS AND AWARDS

Arranged by State, City and Institution

Announced During

AUGUST and SEPTEMBER 1975

U.S. DEPARTMENT OF
HEALTH, EDUCATION, AND WELFARE
Public Health Service

PREPARED BY

U.S. NATIONAL INSTITUTES OF HEALTH

DIVISION OF RESEARCH GRANTS

STATISTICS AND ANALYSIS BRANCH

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SYMBOLS USED TO IDENTIFY THE SUPPORTING INSTITUTE OR DIVISION

AG NATIONAL INSTITUTE ON AGING
 AI NATIONAL INSTITUTE OF ALLERGY AND INFECTIOUS DISEASES
 AM NATIONAL INSTITUTE OF ARTHRITIS, METABOLISM, AND DIGESTIVE DISEASES
 CA NATIONAL CANCER INSTITUTE
 CA DIVISION OF CANCER RESEARCH RESOURCES AND CENTERS
 CB DIVISION OF CANCER BIOLOGY AND DIAGNOSIS
 CM DIVISION OF CANCER TREATMENT
 CN OFFICE OF CANCER CONTROL
 CO OFFICE OF THE DIRECTOR, NCI
 CP DIVISION OF CANCER CAUSE AND PREVENTION
 CL CLINICAL CENTER
 CT DIVISION OF COMPUTER RESEARCH AND TECHNOLOGY
 DE NATIONAL INSTITUTE OF DENTAL RESEARCH
 ES NATIONAL INSTITUTE OF ENVIRONMENTAL HEALTH SCIENCES
 EY NATIONAL EYE INSTITUTE
 GM NATIONAL INSTITUTE OF GENERAL MEDICAL SCIENCES
 HD NATIONAL INSTITUTE OF CHILD HEALTH AND HUMAN DEVELOPMENT
 HL NATIONAL HEART AND LUNG INSTITUTE
 HB DIVISION OF BLOOD DISEASES AND RESOURCES
 HI DIVISION OF INTRAMURAL RESEARCH
 HO OFFICE OF THE DIRECTOR, NHLI
 HR DIVISION OF LUNG DISEASES
 HV DIVISION OF HEART AND VASCULAR DISEASES
 JT JOINT CONTRACT SPONSORSHIP
 LM NATIONAL LIBRARY OF MEDICINE
 NS NATIONAL INSTITUTE OF NEUROLOGICAL DISEASES AND STROKE
 OD OFFICE OF THE DIRECTOR, NIH
 RG DIVISION OF RESEARCH GRANTS
 RR DIVISION OF RESEARCH RESOURCES
 RS DIVISION OF RESEARCH SERVICES
 TW FOGARTY INTERNATIONAL CENTER

GRANTS AND AWARDS ANNOUNCED DURING AUGUST AND SEPTEMBER

I/D	RESEARCH GRANTS*		RESEARCH CAREER PROGRAM AWARDS		R & D CONTRACTS		TRAINING GRANTS		FELLOWSHIP AWARDS		CONSTRUCTION GRANTS		MEDICAL LIBRARY GRANTS		OTHER AWARDS	
	NUMBER	AMOUNT	NUMBER	AMOUNT	NUMBER	AMOUNT	NUMBER	AMOUNT	NUMBER	AMOUNT	NUMBER	AMOUNT	NUMBER	AMOUNT	NUMBER	AMOUNT
AG	9	369,139							6	67,100						
AI									8	86,300						
AM									36	387,867						
CA	23	1,555,902							53	604,667						
CB					10	716,890										
CN					5	931,689										
CO					1	30,000										
CP					4	280,912										
CT					1	13,980										
DE	1	16,770			2	114,248			7	74,900						
ES	10	562,455							7	78,300						
EY									3	24,092						
GM	16	693,348			1	80,557			32	322,750						
HD	14	656,328			3	404,975			25	282,600						
HL	33	1,662,406	15	349,299					20	210,100						
HV					1	24,156										
LM	6	215,675	1	34,415	1	32,100	2	193,834					1	50,000		
NS	6	416,695			2	523,527			4	44,200						
RR	1	2,800			1	328,394										
TW	119	6,151,518	16	383,714	32	3,481,428	2	193,834	13	122,681			1	50,000		
									214	2,305,557						

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
ALABAMA			
BIRMINGHAM			
UNIVERSITY OF ALABAMA IN BIRMINGHAM			
AG00234-01	HIRAMOTO, RAYMOND N	THE CELLULAR IMMUNE RESPONSE AND MECHANISMS OF AGING	40,000
INSTITUTION TOTAL	1	40,000	
CITY TOTAL	1	40,000	
STATE TOTAL	1	40,000	
CALIFORNIA			
BERKELEY			
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT BERKELEY			
AG00164-01	MARGEN, SHELDON	NUTRITIONAL REQUIREMENTS IN THE AGING HUMAN	27,391
INSTITUTION TOTAL	1	27,391	
CITY TOTAL	1	27,391	
DAVIS			
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT DAVIS			
ES01268-01	MAKI, AUGUST H	BINDING OF CH3HG+, AN ENVIRONMENTAL HAZARD, WITH DNA	45,146
INSTITUTION TOTAL	1	45,146	
CITY TOTAL	1	45,146	
LOS ANGELES			
LOS ANGELES COUNTY HEALTH SERVICES DEPARTMENT--LOS ANGELES COUNTY--UNIV OF SO CALIFORNIA MED CTR			
HD09686-01	MARTIN, CHESTER B, JR	FETAL PHYSIOLOGY AND METABOLISM IN PRIMATES	85,128
INSTITUTION TOTAL	1	85,128	
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT LOS ANGELES			
HD09749-01	BERKNER, IUTZ K	FERTILITY AND EXTENDED FAMILY STRUCTURE	23,225
HD09800-01	STIEHM, E RICHARD	CELLULAR IMMUNITY IN SICK AND MALNOURISHED INFANTS	60,000
INSTITUTION TOTAL	2	83,225	
CITY TOTAL	3	168,353	
MENLO PARK			
STANFORD RESEARCH INSTITUTE			
ES01281-01	MITCHELL, ANN D	DEVELOPMENT OF DNA REPAIR FOR MONITORING HUMAN HEALTH	40,000
INSTITUTION TOTAL	1	40,000	

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CITY TOTAL	1	40,000	
CALIFORNIA			
PAIO ALTO	NORTHERN CALIFORNIA CANCER PROGRAM, INC.	EXPLORATORY STUDIES IN CANCER RESEARCH	105,350
CA18406-01	ROSENBERG, SAUL A		
INSTITUTION TOTAL	1	105,350	
CITY TOTAL	1	105,350	
PASADENA			
CALIFORNIA	INSTITUTE OF TECHNOLOGY	STUDIES OF LIPID-LIPID AND LIPID-PROTEIN INTERACTIONS	80,000
GM22432-01	CHAN, SUNNEY I		
INSTITUTION TOTAL	1	80,000	
CITY TOTAL	1	80,000	
STANFORD			
CARNEGIE INSTITUTION OF WASHINGTON, D. C.	DAVID, IGOR B	MITOCHONDRIAL BIOGENESIS IN ANIMAL CELLS	36,131
GM22413-01			
INSTITUTION TOTAL	1	36,131	
STANFORD UNIVERSITY			
CA18325-01	HILGARD, ERNEST R	PAIN CONTROL THROUGH HYPNOSIS IN CHILDHOOD CANCER	22,715
ES01197-01	HOLTZMAN, SHERMAN D	LEAD TOXICITY AND ENERGY METABOLISM IN IMMATURE BRAIN	69,792
INSTITUTION TOTAL	2	92,507	
CITY TOTAL	3	128,638	
TORRANCE			
LOS ANGELES COUNTY HEALTH SERVICES DEPARTMENT--LOS ANGELES COUNTY HARBOR GENERAL HOSPITAL			
CA18290-01	BLOCK, JEROME B	WESTERN CANCER STUDY GROUP	24,464
HL18606-01	EFFROS, RICHARD M	PATHOGENESIS AND MEASUREMENT OF PULMONARY EDEMA	46,535
INSTITUTION TOTAL	2	70,999	
CITY TOTAL	2	70,999	
STATE TOTAL	13	665,877	

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
COLORADO			
DENVER			
NATIONAL JEWISH HOSPITAL AND RESEARCH CENTER			
GM22367-01	PACE, NORMAN R	MATURATION OF RIBOSOMAL RNA IN VITRO	26,700
INSTITUTION TOTAL	1		26,700
CITY TOTAL	1		26,700
STATE TOTAL	1		26,700
DIST OF COL			
WASHINGTON			
AMERICAN NATIONAL RED CROSS			
HL 16627-01A2	MERYMAN, HAROLD T	PRESERVATION OF HUMAN PLATELETS	39,900
INSTITUTION TOTAL	1		39,900
CARNEGIE INSTITUTION OF WASHINGTON, D. C.			
GM22395-01	BROWN, DONALD D	THE SOMATIC AND OOCYTE 5S RNA GENES IN XENOPUS	36,037
GM22499-01	REEDER, RONALD H	ISOLATION AND STUDY OF RIBOSOMAL GENE CHROMATIN	36,000
INSTITUTION TOTAL	2		72,037
GEORGETOWN UNIVERSITY			
HL18718-01	RAWFELL, PETER W	PROSTAGLANDIN PRECURSORS AND VASCULAR REACTIVITY	100,000
INSTITUTION TOTAL	1		100,000
INTERNATIONAL ASSOCIATION FOR THE STUDY OF PAIN			
DE04368-01	BONICA, JOHN J	FIRST WORLD CONGRESS ON PAIN	16,770
GM22741-01	BONICA, JOHN J	FIRST WORLD CONGRESS ON PAIN	14,700
INSTITUTION TOTAL	2		31,470
CITY TOTAL	6		243,407
STATE TOTAL	6		243,407
FLORIDA			
GAINESVILLE			
STATE UNIVERSITY OF FLORIDA SYSTEM--UNIVERSITY OF FLORIDA			
HL18671-01	SILVERMAN, DAVID N	MEMBRANE DIFFUSION OF BICARBONATE AND CO USING O	31,435
INSTITUTION TOTAL	1		31,435
CITY TOTAL	1		31,435

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DOLLARS
AWARDED

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	
FLORIDA			
TAMPA			
STATE UNIVERSITY OF FLORIDA SYSTEM--UNIVERSITY OF SOUTH FLORIDA			
GM22971-01	BYVOET, PAUL	STRANDEDNESS OF HISTONE MODIFICATIONS	11,664
INSTITUTION TOTAL	1		11,664
CITY TOTAL	1		11,664
STATE TOTAL	2		43,099
GEORGIA			
ATHENS			
UNIVERSITY SYSTEM OF GEORGIA--UNIVERSITY OF GEORGIA			
AG00297-01	POLLACK, ROBERT H	SENSORY AND PERCEPTUAL PROCESSES IN THE AGED	35,108
INSTITUTION TOTAL	1		35,108
CITY TOTAL	1		35,108
ATLANTA			
UNIVERSITY SYSTEM OF GEORGIA--GEORGIA INSTITUTE OF TECHNOLOGY			
HL18679-01	POWERS, JAMES C	SYNTHETIC PROTEASE INHIBITORS	46,840
INSTITUTION TOTAL	1		46,840
CITY TOTAL	1		46,840
STATE TOTAL	2		81,948
HAWAII			
HONOLULU			
UNIVERSITY OF HAWAII SYSTEM--UNIVERSITY OF HAWAII AT MANOA			
HD09707-01	GIBBONS, IAN R	ANTIBODIES TO FLAGELLAR PROTEINS	36,644
CA18631-01	MATSUMOTO, HIROMU	METABOLISM OF CYCASIN-RELATED COLON CARCINOGENS	38,713
INSTITUTION TOTAL	2		75,357
CITY TOTAL	2		75,357
STATE TOTAL	2		75,357
ILLINOIS			
CHICAGO			
NORTHWESTERN UNIVERSITY			
CA18901-01	LOGEMANN, JERILYN A	EVALUATION OF REHABILITATION OF OROPHARYNGEAL CANCER	41,646

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
ILLINOIS CHICAGO NORTHWESTERN UNIVERSITY HL16721-01	TEN EICK, ROBERT E	ELECTROPHYSIOLOGIC BASIS OF HUMAN DYSRHYTHMIAS	42,849
INSTITUTION TOTAL	2	84,495	
UNIVERSITY OF ILLINOIS SYSTEM--UNIVERSITY OF ILLINOIS AT THE MEDICAL CENTER CA18241-01	DRAY, SHELDON	TUMOR IMMUNOTHERAPY WITH "IMMUNE" RNA	90,000
INSTITUTION TOTAL	1	90,000	
CITY TOTAL	3	174,495	
STATE TOTAL	3	174,495	
INDIANA BLOOMINGTON INDIANA UNIVERSITY SYSTEM--INDIANA UNIVERSITY AT BLOOMINGTON LM02604-01	MC CLUNG, LELAND S	SUBJECT BIBLIOGRAPHY ON ANAEROBIC BACTERIA, 1970-1975	18,011
INSTITUTION TOTAL	1	18,011	
CITY TOTAL	1	18,011	
INDIANAPOLIS INDIANA UNIVERSITY SYSTEM--INDIANA UNIVERSITY AT INDIANAPOLIS HL18538-01	BAILEY, JOHN C	THE ROLE OF ELECTROTONUS IN HIS-PURKINJE FUNCTION	17,496
INSTITUTION TOTAL	1	17,496	
CITY TOTAL	1	17,496	
WEST LAFAYETTE PURDUE UNIVERSITY AG00176-01	GREGER, JANET L	EFFECT OF ZINC NUTRITION ON TASTE ACUITY IN THE AGED	9,619
INSTITUTION TOTAL	1	9,619	
CITY TOTAL	1	9,619	
STATE TOTAL	3	45,126	
IOWA IOWA CITY UNIVERSITY OF IOWA CA17283-01A1	BURNS, CHARLES P	LIPID METABOLISM OF LEUKOCYTES	47,307

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
IOWA			
IOWA CITY			
UNIVERSITY OF IOWA			
NS12114-01A1	GEBHART, GERALD F	NEUROPHARMACOLOGY OF INTRACRANIAL-INDUCED ANALGESIA	14,590
CA18139-01	KISKER, C THOMAS	COMMUNITY BASED THERAPY FOR CHILDREN WITH CANCER	58,691
AGC0304-01	LATA, GENE F	STEROID HORMONE TRANSPORT IN MATURE AND AGING HUMAN	28,470
HL18629-01	ROMANEK, ROBERT J	INFLUENCE OF AGING AND HYPERTENSION ON THE MYOCARDIUM	28,016
INSTITUTION TOTAL	5	177,074	
CITY TOTAL	5	177,074	
STATE TOTAL	5	177,074	
KANSAS			
KANSAS CITY			
UNIVERSITY OF KANSAS			
NS12521-01	KIRCHNER, FERNANDO R	RADIOISOTOPE SCANNING OF THE MIDDLE EARS AND SINUSES	25,905
INSTITUTION TOTAL	1	25,905	
CITY TOTAL	1	25,905	
STATE TOTAL	1	25,905	
MARYLAND			
BALTIMORE			
JOHNS HOPKINS UNIVERSITY			
HDC9947-01	BLAKE, DAVID A	CHEMOTERATOGENESIS: POTENTIAL ROLE OF ARENE OXIDES	77,849
HL18473-01	HEPTINSTALL, ROBERT H	GENESIS OF ATHEROSCLEROTIC LESIONS	25,766
HL18514-01	PLAUT, MARSHALL	CELLULAR IMMUNITY AND PULMONARY HYPERSENSITIVITY DISEASE	22,000
HL18512-01	REID, PHILIP R	CARDIAC EFFECT RELATED TO PLASMA NITRATE	42,117
INSTITUTION TOTAL	4	167,732	
CITY TOTAL	4	167,732	
BETHESDA			
UNDERSEA MEDICAL SOCIETY			
LM02635-01	SHILLING, CHARLES W	PRODUCTION OF HYPERBARIC OXYGEN THERAPY MONOGRAPH	10,428
INSTITUTION TOTAL	1	10,428	
CITY TOTAL	1	10,428	
STATE TOTAL	5	178,160	

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MASSACHUSETTS			
AMHERST			
UNIVERSITY OF MASSACHUSETTS SYSTEM--UNIVERSITY OF MASSACHUSETTS AT AMHERST			
HD09346-01	MYERS, NANCY A	EARLY DEVELOPMENT OF REPRESENTATIONAL PROCESSES	38,450
HD09647-01	ROEPER, THOMAS W	COMPLEX LANGUAGE STRUCTURE ACQUISITION BY CHILDREN	23,000
INSTITUTION TOTAL	2	61,450	
CITY TOTAL	2	61,450	
BOSTON			
BOSTON HEALTH AND HOSPITALS DEPARTMENT--BOSTON CITY HOSPITAL			
HL18719-01	BRODY, JEROME S	ELASTIN SYNTHESIS IN COMPENSATORY LUNG GROWTH	33,500
INSTITUTION TOTAL	1	33,500	
BOSTON UNIVERSITY			
GM22383-01	MORROW, JOHN F	EUKARYOTIC GENE ISOLATION AND EXPRESSION	72,525
INSTITUTION TOTAL	1	72,525	
MASSACHUSETTS GENERAL HOSPITAL			
HL18714-01	TEELSTAD, ROBERT L	EXTRACELLULAR MATRIX--BLOOD VESSEL CELL INTERACTIONS	61,483
INSTITUTION TOTAL	1	61,483	
SIDNEY FARBER CANCER CENTER			
CA18429-01	JAPPE, NORMAN	STUDIES OF LONG-TERM SURVIVORS OF CHILDHOOD CANCER	115,775
CA18662-01	NATHAN, DAVID S	A PROGRAM FOR INVESTIGATION OF CHILDHOOD LEUKEMIA	192,600
INSTITUTION TOTAL	2	308,375	
TUFTS UNIVERSITY			
LM02543-01	STEARNS, NORMAN S	DOCUMENTED READING FOR IMPROVED PATIENT CARE	58,045
INSTITUTION TOTAL	1	58,045	
CITY TOTAL	6	533,928	
CAMBRIDGE			
HARVARD UNIVERSITY			
GM22526-01	PTASHNE, MARK S	STUDIES OF THE PHAGE LAMBDA AND 434 REPRESSORS	16,237
INSTITUTION TOTAL	1	16,237	

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MASSACHUSETTS CAMBRIDGE MASSACHUSETTS INSTITUTE OF TECHNOLOGY GM22633-01	KING, JOHN G	BIOCHEMICAL ASSAY AND SPATIAL MAPPING OF ENZYMES	40,926
INSTITUTION TOTAL	1		40,926
CITY TOTAL	2		57,163
STATE TOTAL	10		652,541
MICHIGAN ANN ARBOR UNIVERSITY OF MICHIGAN HD08986-01	ZAJONC, R B	BIRTH ORDER, FAMILY SIZE AND INTELLECTUAL DEVELOPMENT	42,096
INSTITUTION TOTAL	1		42,096
CITY TOTAL	1		42,096
DETROIT WAYNE STATE UNIVERSITY CA18748-01	CHOE, BYUNG-KIL	IMMUNOCHEMICAL STUDIES OF PROSTATIC ACID PHOSPHATASE	27,418
INSTITUTION TOTAL	1		27,418
CITY TOTAL	1		27,418
EAST LANSING MICHIGAN STATE UNIVERSITY ES01166-01A1	KIM, JAMES C	VITAMIN A EFFECT ON LUNG CELL CYCLE KINETICS AFTER NO2	13,068
INSTITUTION TOTAL	1		13,068
CITY TOTAL	1		13,068
STATE TOTAL	3		82,582
MINNESOTA MINNEAPOLIS UNIVERSITY OF MINNESOTA RR01006-01 AG00312-01	HUTCHINSON, THOMAS E TRELOAR, ALAN E	STUDY OF FROZEN HYDRATED BIOLOGICAL MATERIALS AGING OF THE MENSTRUAL FUNCTION: A LIFE WITHIN A LIFE	2,800 17,901
INSTITUTION TOTAL	2		20,701
CITY TOTAL	2		20,701

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
STATE TOTAL	2	20,701	
MISSOURI			
COLUMBIA			
CANCER RESEARCH CENTER			
CA18306-01	RODES, NED D	TEACHING TECHNIQUES FOR BREAST CANCER DETECTION	33,771
INSTITUTION TOTAL	1	33,771	
UNIVERSITY OF MISSOURI SYSTEM--UNIVERSITY OF MISSOURI AT COLUMBIA			
GM22686-01	SMITH, GEORGE P	MOLECULAR GENETICS OF ANTIBODIES	22,220
INSTITUTION TOTAL	1	22,220	
CITY TOTAL	2	55,991	22,220
KANSAS CITY			
UNIVERSITY OF MISSOURI SYSTEM--UNIVERSITY OF MISSOURI AT KANSAS CITY			
LM02611-01	NOBACK, RICHARDSON K	DEVELOPING CLINICAL INFORMATION NEEDS AND SYSTEM	77,360
INSTITUTION TOTAL	1	77,360	
CITY TOTAL	1	77,360	
STATE TOTAL	3	133,351	77,360
NEW HAMPSHIRE			
HANOVER			
DARTMOUTH COLLEGE			
CA17710-01	SORENSEN, GEORGE D	PATHOBIOLOGY OF SMALL CELL CARCINOMA OF THE LUNG	83,823
INSTITUTION TOTAL	1	83,823	
CITY TOTAL	1	83,823	
STATE TOTAL	1	83,823	83,823
NEW MEXICO			
ALBUQUERQUE			
UNIVERSITY OF NEW MEXICO			
HL18517-01	PRIOLA, DONALD V	INTRINSIC INNERVATION OF THE HEART	32,932
INSTITUTION TOTAL	1	32,932	
CITY TOTAL	1	32,932	
STATE TOTAL	1	32,932	32,932

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NEW YORK			
NEW YORK			
COLUMBIA UNIVERSITY			
ES01293-C1	BLOOM, ARTHUR D	MUTAGENESIS IN CULTURED LYMPHOCYTES	145,093
GM22629-01	CHASIN, LAWRENCE A	MITOTIC RECOMBINATION IN CULTURED MAMMALIAN CELLS	29,580
GM22103-01	KROOTH, ROBERT S	GENE ACTION IN CULTURED HUMAN AND OTHER MAMMALIAN CELLS	144,282
INSTITUTION TOTAL	3		318,955
CORNELL UNIVERSITY MEDICAL CENTER			
AG00239-01	WEKSLER, MARC E	AGING AND IMMUNE REACTIVITY	63,020
INSTITUTION TOTAL	1		63,020
FORDHAM UNIVERSITY			
HL18450-01	WEINREB, STEVEN M	SYNTHESIS OF THE CYTOCHALASINS	38,980
INSTITUTION TOTAL	1		38,980
MONTFIORE HOSPITAL AND MEDICAL CENTER			
CA18329-01	HOLLAND, JIMMIE	PSYCHOLOGICAL ADJUSTMENT TO RADIOTHERAPY	14,570
INSTITUTION TOTAL	1		14,570
NEW YORK UNIVERSITY			
ES01256-C1	GOLDSTEIN, BERNARD D	ARSINE TOXICITY: A POTENTIAL ENVIRONMENTAL HAZARD	37,700
LM02616-01	SAGER, NAOMI	COMPUTER STRUCTURING OF MEDICAL NARRATIVE	36,081
INSTITUTION TOTAL	2		73,781
ROCKEFELLER UNIVERSITY			
GM22663-01	REEKE, GEORGE, JR	COMPUTING METHODS FOR MACROMOLECULAR CRYSTALLOGRAPHY	27,383
HD09635-01	RUTISHAUSER, URS S	CELL-CELL ADHESION AMONG EMBRYONIC CELLS	57,523
INSTITUTION TOTAL	2		84,906
SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH			
CA17818-01	STUFMAN, OSIAS	TUMOR IMMUNITY AND TUMOR-HOST INTERACTIONS	41,531
INSTITUTION TOTAL	1		41,531
ST. LUKE'S HOSPITAL CENTER			
NS12316-01	HASHIM, GEORGE A	SUPPRESSION OF EXPERIMENTAL ALLERGIC ENCEPHALOMYELITIS	45,665
INSTITUTION TOTAL	1		45,665

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NEW YORK NEW YORK STATE UNIVERSITY OF NEW YORK--DOWNSTATE MEDICAL CENTER NS12664-01	RANCK, JAMES B, JR	LIMBIC NEURONE STUDIES	49,000
INSTITUTION TOTAL	1		49,000
YESHIVA UNIVERSITY HL18824-01 HL18434-01	SONNENBLICK, EDMUND H WILLIAMS, M HENRY	MECHANISMS OF HEART FAILURE IN THE MYOPATHIC HAMSTER REVERSIBILITY OF CHRONIC LUNG DISEASE	55,000 25,000
INSTITUTION TOTAL	2		80,000
CITY TOTAL	15		810,408
ROCHESTER UNIVERSITY OF ROCHESTER HL18328-01	COHEN, JULES	HEMOGLOBIN FUNCTION AND TISSUE OXYGENATION	37,631
INSTITUTION TOTAL	1		37,631
CITY TOTAL	1		37,631
STONY BROOK STATE UNIVERSITY OF NEW YORK AT STONY BROOK HD09654-01	POCCIA, DOMINIC L	ACTIVATION OF SPERM NUCLEUS AT FERTILIZATION	33,717
INSTITUTION TOTAL	1		33,717
CITY TOTAL	1		33,717
SYRACUSE STATE UNIVERSITY OF NEW YORK--UPSTATE MEDICAL CENTER HL18663-01	HANSON, E LAWRENCE	PATENCY OF A SMALL MICROPOROUS VASCULAR PROSTHESIS	57,024
INSTITUTION TOTAL	1		57,024
CITY TOTAL	1		57,024
STATE TOTAL	18		938,780
NORTH CAROLINA CHAPEL HILL UNIVERSITY OF NORTH CAROLINA SYSTEM--UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL AG00103-01	CHAE, CHI-BOM	ROLE OF CHROMOSOMAL PROTEINS IN AGING	25,472

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	
NORTH CAROLINA CHAPEL HILL UNIVERSITY OF NORTH CAROLINA SYSTEM--UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL ES01151-01A1	O'TUAMA, LORCAN A	REGULATION OF NEURAL DISTRIBUTION OF LEAD	43,979
INSTITUTION TOTAL	2	69,451	
CITY TOTAL	2	69,451	
DURHAM DUKE UNIVERSITY	ANDERSON, ROBERT W	ANALYSIS OF PULMONARY CIRCULATION IN HIGH FLOW STATES	37,630
HL18742-01	COBB, FREDERICK R	REGIONAL BLOOD FLOW AFTER ACUTE MYOCARDIAL INJURY	42,889
HL18537-01	KYLSTRA, JOHANNES A	INVESTIGATION OF A NEW BREATHING LIQUID	35,166
HL18529-01			
INSTITUTION TOTAL	3	115,685	
CITY TOTAL	3	115,685	
STATE TOTAL	5	185,136	
OHIO CLEVELAND CASE WESTERN RESERVE UNIVERSITY	WOOD, HARLAND G	SUBUNIT-SUBUNIT INTERACTIONS OF TRANSCARBOXYLASE	62,963
GM22579-01			
INSTITUTION TOTAL	1	62,963	
CITY TOTAL	1	62,963	
TOLEDO MEDICAL COLLEGE OF OHIO AT TOLEDO	ASKARI, AMIR	CARDIAC GLYCOSIDES MECHANISMS OF CELLULAR ACTIONS	48,444
HL19129-01			
INSTITUTION TOTAL	1	48,444	
CITY TOTAL	1	48,444	
STATE TOTAL	2	111,407	
OREGON PORTLAND OREGON STATE HIGHER EDUCATION SYSTEM--UNIVERSITY OF OREGON HEALTH SCIENCES CENTER	WUEPPER, KIRK D	PURIFICATION AND FUNCTION OF HUMAN HMW KININOGEN	31,347
HL18618-01			
INSTITUTION TOTAL	1	31,347	
CITY TOTAL	1	31,347	

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AWARDED

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
STATE TOTAL	1	31,347	
PENNSYLVANIA			
HERSHEY			
PENNSYLVANIA STATE UNIVERSITY MILTON S. HERSHEY MEDICAL CENTER			
HD09734-01	WEISZ, JUDITH	CATECHOL-ESTROGENS, CNS AND REPRODUCTION	50,973

INSTITUTION TOTAL	1	50,973
CITY TOTAL	1	50,973

PHILADELPHIA			
DREXEL UNIVERSITY			
HD09571-01	MODE, CHARLES J	COMPUTER MACROSIMULATION IN FAMILY PLANNING EVALUATION	36,550
INSTITUTION TOTAL	1	36,550	

PENNSYLVANIA STATE DEPARTMENT OF PUBLIC WELFARE--EASTERN PENNSYLVANIA PSYCHIATRIC INSTITUTE			
GM22655-01	MUELLER, PAUL	RECONSTITUTION AND ANALYSIS OF MEMBRANE TRANSPORT	36,000

INSTITUTION TOTAL	1	36,000
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TEMPLE UNIVERSITY			
HL18543-01	COHEN, ALLEN B	A BIOCHEMICAL APPROACH TO PULMONARY EMPHYSEMA	50,400
CA18258-01	NICOLINI, CLAUDIO A	COMPUTER-AIDED CELL SYNCHRONY IN ANIMALS	88,530

INSTITUTION TOTAL	2	138,930
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UNIVERSITY OF PENNSYLVANIA			
CA18194-01	HOLTZER, HOWARD	CONVERSION OF EMBRYONIC CELLS INTO TRANSFORMED CELLS	65,475

INSTITUTION TOTAL	1	65,475
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WISTAR INSTITUTE OF ANATOMY AND BIOLOGY			
CA17856-01	BORUN, THADDEUS W	REGULATION OF HISTONE BIOSYNTHESIS IN HETEROPLD CELLS	146,066

INSTITUTION TOTAL	1	146,066
CITY TOTAL	6	423,021

PITTSBURGH			
EYE AND EAR HOSPITAL OF PITTSBURGH			
HD09727-01	CHURCH, ROBERT L	SOMATIC CELL GENETICS OF CONNECTIVE TISSUE PROTEINS	53,050

INSTITUTION TOTAL	1	53,050
CITY TOTAL	1	53,050

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
STATE TOTAL	8	527,044	
SOUTH DAKOTA			
VERMILLION			
UNIVERSITY OF SOUTH DAKOTA			
ES01288-01	BRADY, FRANK O	FUNCTION OF METALLOTHIONEIN IN HEAVY METAL METABOLISM	54,450
INSTITUTION TOTAL	1	54,450	
CITY TOTAL	1	54,450	
STATE TOTAL	1	54,450	
TENNESSEE			
KNOXVILLE			
INDIVIDUAL AWARD--LA BERGE, ANN F.			
LW02587-01	LA BERGE, ANN F	A HISTORY OF PUBLIC HEALTH IN FRANCE, 1815-1848	15,750
INSTITUTION TOTAL	1	15,750	
UNIVERSITY OF TENNESSEE SYSTEM--UNIVERSITY OF TENNESSEE AT KNOXVILLE			
CA18185-01	LOZZIO, BISMARCK B	HEREDITARILY ATHYMIC--ASPLENIC MICE: TUMOR GROWTH	54,858
INSTITUTION TOTAL	1	54,858	
CITY TOTAL	2	70,608	
STATE TOTAL	2	70,608	
TEXAS			
AUSTIN			
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS AT AUSTIN			
HL18647-01	ACOSTA, DANIEL, JR	ISCHEMIC MYOCARDIAL INJURY IN CULTURED HEART CELLS	12,642
INSTITUTION TOTAL	1	12,642	
CITY TOTAL	1	12,642	
GALVESTON			
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS MEDICAL BRANCH AT GALVESTON			
HL18728-01	FOREMAN, ROBERT D	CENTRAL ORGANIZATION OF CARDIAC APPARENT NERVES	23,921
INSTITUTION TOTAL	1	23,921	
CITY TOTAL	1	23,921	

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH GRANTS *

DOLLARS
AWARDED

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	
TEXAS			
HOUSTON			
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS SYSTEM CANCER CENTER			
ES01287-01	SICILIANO, MICHAEL J	MULTIPLE LOCI SCREEN FOR MUTATIONS IN MAMMALIAN CELLS	79,034
INSTITUTION TOTAL	1		79,034
CITY TOTAL	1		79,034
SAN ANTONIO			
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT SAN ANTONIO			
CA18629-01	GATES, GEORGE A	COMPREHENSIVE REHABILITATION OF THE LARYNGECTOMEE	68,846
INSTITUTION TOTAL	1		68,846
CITY TOTAL	1		68,846
STATE TOTAL	4		184,443
VERMONT			
BURLINGTON			
UNIVERSITY OF VERMONT AND STATE AGRICULTURAL COLLEGE			
ES01263-01	HART, BETH A	THE INTERACTION OF CADMIUM WITH ALVEOLAR MACROPHAGE	34,193
INSTITUTION TOTAL	1		34,193
CITY TOTAL	1		34,193
STATE TOTAL	1		34,193
VIRGINIA			
CHARLOTTESVILLE			
UNIVERSITY OF VIRGINIA			
HL18260-01	MURAD, FERID	CYCLIC NUCLEOTIDE METABOLISM IN LUNG TISSUES	53,234
INSTITUTION TOTAL	1		53,234
CITY TOTAL	1		53,234
RICHMOND			
VIRGINIA COMMONWEALTH UNIVERSITY			
HL18453-01	KONTOS, HERMES A	INTRACELLULAR OXYGEN TENSION IN MUSCLE	39,483
INSTITUTION TOTAL	1		39,483
CITY TOTAL	1		39,483
STATE TOTAL	2		92,717

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
WASHINGTON			
SEATTLE			
FRED HUTCHINSON CANCER RESEARCH CENTER			
CA18221-01	STORB, RAINER F	TREATMENT OF HEMATOLOGIC MALIGNANCIES BY MARROW GRAFTING	126,040
INSTITUTION TOTAL	1	126,040	
UNIVERSITY OF WASHINGTON			
HL18492-01	GOULD, KENNETH L	MEASUREMENT OF REGIONAL CORONARY FLOW RESERVE IN MAN	53,000
AG00257-01	MARTIN, GEORGE M	CLONAL SENESENCE OF SOMATIC CELLS	122,158
HL18676-01	POLLACK, GERALD H	MYOCARDIAL SARCOMERE MECHANICS	44,812
HL18645-01	ROSS, RUSSELL	BIOLOGY OF THE ARTERY WALL AND ATHEROSCLEROSIS	326,496
INSTITUTION TOTAL	4	546,466	
VIRGINIA MASON RESEARCH CENTER			
HL17503-01	SMITH, KENT H	VASCULAR BUBBLES IN DECOMPRESSION SICKNESS	78,438
INSTITUTION TOTAL	1	78,438	
CITY TOTAL	6	750,944	
STATE TOTAL	6	750,944	
WISCONSIN			
MADISON			
UNIVERSITY OF WISCONSIN SYSTEM--UNIVERSITY OF WISCONSIN-MADISON			
NS12721-01	BENJAMIN, ROBERT M	OLFACTORY PROJECTIONS TO THALAMUS AND NEOCORTEX	44,070
HD10056-01	GOODFRIEND, THEODORE L	PEPTIDE-BINDING MACROMOLECULE IN PLASMA OF RETARDATES	38,123
NS12732-01	HIND, JOSEPH E	RESEARCH PROGRAM ON THE NEURAL BASIS OF HEARING	237,465
INSTITUTION TOTAL	3	319,658	
CITY TOTAL	3	319,658	
STATE TOTAL	3	319,658	
ITALY			
MILAN			
NATIONAL RESEARCH COUNCIL OF ITALY--INSTITUTE OF CARDIOVASCULAR RESEARCH			
CA18738-01	GARIN, AUGUST M	RATIONAL SYNTHESIS OF COMPOUNDS FOR CANCER THERAPY	29,600
INSTITUTION TOTAL	1	29,600	
CITY TOTAL	1	29,600	
STATE TOTAL	1	29,600	

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH GRANTS *

DOLLARS
AWARDED

38,113

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	
UNITED KINGDOM			
LEEDS			
UNIVERSITY OF LEEDS			
CA18126-01	COOPER, EDWARD H	CHEMOTHERAPY OF TRANSPLANTABLE MURINE COLON TUMORS	
	1		38,113
INSTITUTION TOTAL	1		38,113
CITY TOTAL			
	1		38,113
STATE TOTAL			
	119		6,151,518
TOTAL			

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
CALIFORNIA			
EL MONTE			
AKZONA, INC.--ORGANON, INC.			
GM62160-00	WELLS, A F	DESIGN OF AN AUTOMATED RAPID VIRUS DETECTION SYSTEM	80,557
INSTITUTION TOTAL	1		80,557
CITY TOTAL	1		80,557
LOS ANGELES			
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT LOS ANGELES			
CN65194-00	BRESLOW, LESTER	EDUCATION FOR CANCER CONTROL	282,168
INSTITUTION TOTAL	1		282,168
CITY TOTAL	1		282,168
STANFORD			
STANFORD UNIVERSITY			
CB63988-00	KAPLAN, HENRY S	IMMUNOTHERAPY WITH IN VITRO LYMPHOCYTE SENSITIZATION	75,000
INSTITUTION TOTAL	1		75,000
CITY TOTAL	1		75,000
TORRANCE			
LOS ANGELES COUNTY HEALTH SERVICES DEPARTMENT--LOS ANGELES COUNTY HARBOR GENERAL HOSPITAL			
CB63989-00	BYFIELD, PATRICIA E	SUB-POPULATION SPECIFIC ANTISERA	25,925
INSTITUTION TOTAL	1		25,925
CITY TOTAL	1		25,925
STATE TOTAL	4		463,650
COLORADO			
DENVER			
COLORADO REGIONAL CANCER CENTER			
CN65185-00	HOWARD, DOROTHY E	ONCOLOGY NURSING PROGRAMS IN COMMUNITY HOSPITALS	91,644
INSTITUTION TOTAL	1		91,644
CITY TOTAL	1		91,644
STATE TOTAL	1		91,644

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH CONTRACTS

DOLLARS
AWARDED

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	
CONNECTICUT			
NEW HAVEN			
YALE UNIVERSITY			
CB63993-00	RICHARDS, FRANK P	ANTIGEN BINDING ACTIVITY OF TRANSPLANTABLE T-CELL TUMORS	52,948
INSTITUTION TOTAL	1		52,948
CITY TOTAL	1		52,948
STATE TOTAL	1		52,948
DIST OF COL			
WASHINGTON			
COURTESY ASSOCIATES			
CP61004-00	NOT APPLICABLE	ANNUAL VIRAL ONCOLOGY MEETING	1,000
INSTITUTION TOTAL	1		1,000
GEORGE WASHINGTON UNIVERSITY			
CT62107-00	TIDBALL, CHARLES	EVALUATION OF CARDIOVASCULAR-RENAL COMPUTER SIMULATIONS	13,980
INSTITUTION TOTAL	1		13,980
GEORGETOWN UNIVERSITY			
CN65251-00	ABERNATHY, MARGARET R	MAMMOGRAPHY TRAINING FOR DETECTION OF BREAST CANCER	149,750
INSTITUTION TOTAL	1		149,750
PAN AMERICAN HEALTH ORGANIZATION			
DE62457-00	GILLESPIE, GEORGE W	INVESTIGATE PLAQUE IN MEDELLIN, COLOMBIA, SOUTH AMERICA	30,448
INSTITUTION TOTAL	1		30,448
CITY TOTAL	4		195,178
STATE TOTAL	4		195,178
HAWAII			
HONOLULU			
UNIVERSITY OF HAWAII	SYSTEM--UNIVERSITY OF HAWAII AT MANOA	TUMOR AVOIDANCE OF DESTRUCTION BY THE IMMUNE SYSTEM	69,877
CB63978-00	LANCE, EUGENE M		69,877
INSTITUTION TOTAL	1		69,877
CITY TOTAL	1		69,877
STATE TOTAL	1		69,877

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH CONTRACTS

DOLLARS
AWARDED

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
MARYLAND BETHESDA MICROBIOLOGICAL ASSOCIATES NS62334-00	MCKINNEY, ROBERT	PREPARE AND DELIVER VARIOUS CELL CULTURES	62,962
INSTITUTION TOTAL	1	62,962	
CITY TOTAL	1	62,962	
STATE TOTAL			62,962
ROCKVILLE WESTAT RESEARCH, INC. NS62333-00	ROBINS, MORTON	INCIDENCE, PREVALENCE & ECONOMIC COSTS OF STROKE STUDY	460,565
INSTITUTION TOTAL	1	460,565	
CITY TOTAL	1	460,565	
STATE TOTAL	2	523,527	
MASSACHUSETTS CAMBRIDGE APCOR, INC. DE62485-00	MEIER, PETER M	ENHANCED CRIES PREVENTIVE EFFECTS OF FLUORIDE TABLETS	83,800
INSTITUTION TOTAL	1	83,800	
BOLT, BERANEK, AND NEWMAN RR62101-00	BOLT, RICHARD	EVALUATE SCIENTIFIC MISSION OF DIV OF RESEARCH RESOURCES	328,394
INSTITUTION TOTAL	1	328,394	
CITY TOTAL	2	412,194	
WILMINGTON DYMO GRAPHIC SYSTEMS, INC. LM64700-00	NOT APPLICABLE	MAINTENANCE OF A PHOTON ZIP MODEL 901 SYSTEM	32,100
INSTITUTION TOTAL	1	32,100	
CITY TOTAL	1	32,100	
STATE TOTAL	3	444,294	
MINNESOTA ROCHESTER MAYO FOUNDATION HV62900-00	LABARTHE, DARWIN R	STUDY OF BREAST CANCER AND RESERPINE USE	24,156

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

DOLLARS
AWARDEDNIH
RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
INSTITUTION TOTAL	1	24,156	
CITY TOTAL	1	24,156	
STATE TOTAL	1	24,156	
NEVADA			
CARSON CITY			
NEVADA STATE DEPARTMENT OF HUMAN RESOURCES			
C65262-00 HOLDERMAN, MELBA			
INSTITUTION TOTAL	1	177,844	
CITY TOTAL	1	177,844	
STATE TOTAL	1	177,844	177,844
NEW JERSEY			
TEANECK			
NEW JERSEY RESEARCH FOUNDATION FOR MENTAL HYGIENE			
C065319-00 ESSER, ARISTIDE H			
INSTITUTION TOTAL	1	30,000	
CITY TOTAL	1	30,000	
STATE TOTAL	1	30,000	30,000
NEW YORK			
ALBANY			
NEW YORK STATE DEPARTMENT OF HEALTH			
HD62802-00 LOGRILLO, VITO M			
INSTITUTION TOTAL	1	91,820	
CITY TOTAL	1	91,820	
STATE TOTAL	1	91,820	91,820
NORTH CAROLINA			
RESEARCH TRIANGLE PARK			
RESEARCH TRIANGLE INSTITUTE			
HD62814-00 COOK, CLARENCE E			
INSTITUTION TOTAL	1	294,449	
CITY TOTAL	1	294,449	
* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS			

CERVICAL CANCER SCREENING PROGRAM

ACQUISITION OF GIBBON PRIMATES FOR RESEARCH PURPOSES

EFFECTS OF INDUCED ABORTION ON SUBSEQUENT REPRODUCTION

CHEMICAL CONTRACEPTIVES FOR THE MALE AND FEMALE

NIH
RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
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STATE TOTAL	1	294,449	
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OHIO			
AKRON			
CHILDREN'S HOSPITAL OF AKRON			
CP55706-00	FREEMAN, AARON E	CARCINOGENESIS SCREENING USING CELL CULTURE ASSAYS	204,475

INSTITUTION TOTAL	1	204,475	
CITY TOTAL	1	204,475	

STATE TOTAL	1	204,475	
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OREGON			
PORTLAND			
EMANUEL HOSPITAL			
CN55482-00	STANWOOD, JOHN E	DEMONSTRATION OF CANCER REHABILITATION FACILITIES	230,283

INSTITUTION TOTAL	1	230,283	
CITY TOTAL	1	230,283	

STATE TOTAL	1	230,283	
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PENNSYLVANIA			
PHILADELPHIA			
FRANKLIN INSTITUTE OF THE STATE OF PENNSYLVANIA			
CP65732-00	NOT APPLICABLE	LITERATURE SUPPORT SERVICES FOR MUTAGENESIS PROJECT	4,000

INSTITUTION TOTAL	1	4,000	
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TEMPLE UNIVERSITY			
HD62819-00	LOSCIUTO, LEONARD A	ANALYSIS OF DATA FROM THE AMERICAN WOMEN HEALTH PROJECT	18,706

INSTITUTION TOTAL	1	18,706	
CITY TOTAL	2	22,706	

STATE TOTAL	2	22,706	
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VIRGINIA			
SPRINGFIELD			
MELOY LABORATORIES			
CB63976-00	KORTRIGHT, KENNETH	NCI IMMUNODIAGNOSTIC REFERENCE CENTER	222,118

INSTITUTION TOTAL	1	222,118	
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* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH CONTRACTS

DOLLARS
AWARDED

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	
CITY TOTAL	1	222,118	
STATE TOTAL	1	222,118	
WASHINGTON PULLMAN			
WASHINGTON STATE UNIVERSITY CB63990-00	BURGER, DIETER	DETECT CIRCULATING ANTIGEN-ANTIBODY COMPLEXES IN CANCER	34,757
INSTITUTION TOTAL	1	34,757	
CITY TOTAL	1	34,757	
STATE TOTAL	1	34,757	
WISCONSIN MADISON			
UNIVERSITY OF WISCONSIN SYSTEM--UNIVERSITY OF WISCONSIN-MADISON CP65734-00	KELLERMAN G	INDUCE ARYL HYDROCARBON HYDROXYLASE IN HUMAN LYMPHOCYTES	71,437
INSTITUTION TOTAL	1	71,437	
CITY TOTAL	1	71,437	
STATE TOTAL	1	71,437	
AUSTRALIA SYDNEY			
ROYAL NORTH SHORE HOSPITAL CB63973-00	NELSON, D S	ROLE OF THE MACROPHAGE IN TUMOR RESISTANCE	74,184
INSTITUTION TOTAL	1	74,184	
CITY TOTAL	1	74,184	
STATE TOTAL	1	74,184	
FINLAND HELSINKI			
UNIVERSITY OF HELSINKI CB63977-00	HAYRY, PEKKA J	T MEMORY CELL MECHANISMS	20,000
INSTITUTION TOTAL	1	20,000	
CITY TOTAL	1	20,000	
STATE TOTAL	1	20,000	

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH CONTRACTS

DOLLARS
AWARDED

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
I ISRAEL REHOWOTH WEIZMANN INSTITUTE OF SCIENCE CB63982-00 COHEN, IRUN R CB63979-00 FELDMAN, MICHAEL		TUMOR AVOIDANCE OF DESTRUCTION BY THE IMMUNE SYSTEM IN VITRO SENSITIZATION OF HUMAN LYMPHOCYTES	73,000 69,081
INSTITUTION TOTAL	2		142,081
CITY TOTAL	2		142,081
STATE TOTAL	2		142,081
TOTAL	32		3,481,428

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

DOLLARS
AWARDED

80,734

113,100

NIH
RESEARCH TRAINING GRANTS

GRANT NUMBER	PROGRAM DIRECTOR	TITLE OF PROGRAM	DOLLARS AWARDED
MISSOURI			
COLUMBIA			
UNIVERSITY OF MISSOURI SYSTEM--UNIVERSITY OF MISSOURI AT COLUMBIA			
LM07006-01	LINDBERG, DONALD A	TRAINING PROGRAM IN MEDICAL INFORMATION SCIENCE	80,734
INSTITUTION TOTAL	1		80,734
CITY TOTAL	1		80,734
STATE TOTAL	1		80,734
NEW YORK			
NEW YORK			
CITY UNIVERSITY OF NEW YORK--MOUNT SINAI SCHOOL OF MEDICINE			
LM07008-01	SAFIR, ARAN	GRADUATE RESEARCH TRAINING GRANT PROGRAM	113,100
INSTITUTION TOTAL	1		113,100
CITY TOTAL	1		113,100
STATE TOTAL	1		113,100
TOTAL	2		193,834

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH FELLOWSHIP AWARDS

PROGRAM

FIELD OF INTEREST

P32

APPLICATION NUMBER FELLOW

NEW YORK
NEW YORK
ROCKEFELLER UNIVERSITY
GM05390-01 SCHMIDT, GREGORY W

FINE STRUCTURE CELL BIOLOGY

INSTITUTION TOTAL 1
CITY TOTAL 1
STATE TOTAL 1
TOTAL 1

NIH
RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH	PROGRAM
MASSACHUSETTS			
BCSTON	CHILDREN'S HOSPITAL MEDICAL CENTER		
HL00177-01	ALTER, BLANCHE P	HEMOGLOBIN REGULATION/DIFFERENTIATION DURING DEVELOPMENT	K04
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	1		
MINNESOTA			
ROCHESTER			
MAYO FOUNDATION	JOHNSON, STEVEN A	X-RAY AND ULTRASOUND MEDICAL 3-D IMAGE FORMATION	K04
HL00170-01			
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	1		
NEW YORK			
NEW YORK			
FORDHAM UNIVERSITY	WEINREB, STEVEN M	TOTAL SYNTHESIS OF THE CYTOCHALASINS	K04
HL00176-01			
INSTITUTION TOTAL	1		
MONTEPIORE HOSPITAL AND MEDICAL CENTER			
HL00159-01	DILLMAN, WOLFGANG H	CARDIAC EFFECTS OF THYROID HORMONES	K04
INSTITUTION TOTAL	1		
NEW YORK UNIVERSITY			
HL00178-01	TSAI, JIR S	THYROID HORMONE EFFECTS ON THE HEART	K04
INSTITUTION TOTAL	1		
CITY TOTAL	3		
ROCHESTER			
UNIVERSITY OF ROCHESTER			
HL00146-01	KIRKPATRICK, FRANCIS H, JR	RED CELL DEFORMABILITY: ROLE OF SPECTRIN AND ACTIN	K04
INSTITUTION TOTAL	1		
CITY TOTAL	1		

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH CAREER PROGRAM AWARDS

PROGRAM

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH	PROGRAM
NEW YORK STONY BROOK STATE UNIVERSITY OF NEW YORK AT STONY BROOK HL00088-01	SIMON, SANFORD R	CONFORMATION STUDIES ON MODIFIED HEMOGLOBINS	K04
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	5		
OKLAHOMA OKLAHOMA CITY UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER LM00004-01	WEST, KELLY M	BOOK ON EPIDEMIOLOGY OF DIABETES AND OBESITY	K13
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	1		
PENNSYLVANIA PHILADELPHIA UNIVERSITY OF PENNSYLVANIA HL00134-01	CRANDALL, EDWARD D	GAS EXCHANGE AND PH: INTERACTIONS AND IMPORTANCE	K04
INSTITUTION TOTAL	1		
CITY TOTAL	1		
UNIVERSITY PARK PENNSYLVANIA STATE UNIVERSITY HL00166-01	RHOADES, RODNEY A	SUBSTRATE METABOLISM AND LUNG FUNCTION	K04
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	2		
TENNESSEE MEMPHIS ST. JUDE CHILDREN'S RESEARCH HOSPITAL HL00080-01	PHILLIPS, DAVID R	PLATELET MEMBRANE PROTEINS IN AGGREGATION	K04
INSTITUTION TOTAL	1		

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH	PROGRAM
TENNESSEE			
MEMPHIS			
UNIVERSITY OF TENNESSEE SYSTEM--UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES			
HL00142-01	MALIK, KAPAIT U	ANGIOTENSIN-PROSTAGLANDINS-ADRENERGIC INTERACTIONS	K04
HL00163-01	NASJLETTI, ALBERTO	VASOACTIVE HORMONES AND BLOOD PRESSURE REGULATION	K04
INSTITUTION TOTAL	2		
CITY TOTAL	3		
STATE TOTAL	3		
TEXAS			
GALVESTON			
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS MEDICAL BRANCH AT GALVESTON			
HL00162-01	FULLER, GERALD M	STUDIES ON THE REGULATION OF FIBRINOGEN BIOSYNTHESIS	K04
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	1		
VIRGINIA			
CHARLOTTESVILLE			
UNIVERSITY OF VIRGINIA			
HL00004-01A1	LEE, JEN-SHIH	ENGINEERING STUDY OF PULMONARY MECHANICS AND EDEMA	K04
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	1		
WISCONSIN			
MADISON			
UNIVERSITY OF WISCONSIN SYSTEM--UNIVERSITY OF WISCONSIN--MADISON			
HL00149-01	DEMPSEY, JEROME A	PULMONARY ADAPTATION TO CHRONIC HYPOXIA	K04
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	1		
TOTAL	16		

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
MEDICAL LIBRARY GRANTSDOLLARS
AWARDED

TITLE OF RESEARCH PROPOSAL

GRANT NUMBER PRINCIPAL INVESTIGATOR

IOWA			
SIoux CITY			
ST. JOSEPH MERCY HOSPITAL			
LM02626-01	PELCHAT, EUGENE J		
INSTITUTION TOTAL	1	50,000	
CITY TOTAL	1	50,000	
STATE TOTAL	1	50,000	
TOTAL	1	50,000	50,000

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

DEPARTMENT OF
HEALTH, EDUCATION, AND WELFARE
PUBLIC HEALTH SERVICE
NATIONAL INSTITUTES OF HEALTH
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REPORT 19M

U.S. NATIONAL INSTITUTES OF HEALTH.
Division of Research Grants.

NEW GRANTS AND AWARDS

Arranged by State, City and Institution

Announced During

OCTOBER and NOVEMBER 1975

U.S. DEPARTMENT OF
HEALTH, EDUCATION, AND WELFARE
Public Health Service

PREPARED BY

NATIONAL INSTITUTES OF HEALTH

DIVISION OF RESEARCH GRANTS

STATISTICS AND ANALYSIS BRANCH

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SYMBOLS USED TO IDENTIFY THE SUPPORTING INSTITUTE OR DIVISION

AG	NATIONAL INSTITUTE ON AGING
AI	NATIONAL INSTITUTE OF ALLERGY AND INFECTIOUS DISEASES
AM	NATIONAL INSTITUTE OF ARTHRITIS, METABOLISM, AND DIGESTIVE DISEASES
	NATIONAL CANCER INSTITUTE
CA	DIVISION OF CANCER RESEARCH RESOURCES AND CENTERS
CB	DIVISION OF CANCER BIOLOGY AND DIAGNOSIS
CM	DIVISION OF CANCER TREATMENT
CN	OFFICE OF CANCER CONTROL
CO	OFFICE OF THE DIRECTOR, NCI
CP	DIVISION OF CANCER CAUSE AND PREVENTION
CL	CLINICAL CENTER
CT	DIVISION OF COMPUTER RESEARCH AND TECHNOLOGY
DE	NATIONAL INSTITUTE OF DENTAL RESEARCH
ES	NATIONAL INSTITUTE OF ENVIRONMENTAL HEALTH SCIENCES
EY	NATIONAL EYE INSTITUTE
GM	NATIONAL INSTITUTE OF GENERAL MEDICAL SCIENCES
HD	NATIONAL INSTITUTE OF CHILD HEALTH AND HUMAN DEVELOPMENT
HL	NATIONAL HEART AND LUNG INSTITUTE
HB	DIVISION OF BLOOD DISEASES AND RESOURCES
HI	DIVISION OF INTRAMURAL RESEARCH
HO	OFFICE OF THE DIRECTOR, NHLI
HR	DIVISION OF LUNG DISEASES
HV	DIVISION OF HEART AND VASCULAR DISEASES
JT	JOINT CONTRACT SPONSORSHIP
LM	NATIONAL LIBRARY OF MEDICINE
NS	NATIONAL INSTITUTE OF NEUROLOGICAL AND COMMUNICATIVE DISORDERS AND STROKE
OD	OFFICE OF THE DIRECTOR, NIH
RG	DIVISION OF RESEARCH GRANTS
RR	DIVISION OF RESEARCH RESOURCES
RS	DIVISION OF RESEARCH SERVICES
TW	FOGARTY INTERNATIONAL CENTER

GRANTS AND AWARDS ANNOUNCED DURING OCTOBER AND NOVEMBER 1975

I/D	RESEARCH GRANTS*	RESEARCH CAREER PROGRAM AWARDS	R & D CONTRACTS	TRAINING GRANTS	FELLOWSHIP AWARDS	CONSTRUCTION GRANTS	MEDICAL LIBRARY GRANTS	OTHER AWARDS
NUMBER	AMOUNT	NUMBER	AMOUNT	NUMBER	AMOUNT	NUMBER	AMOUNT	NUMBER
AG		1	19,800					
AI	1	50,000						
AM	1	19,725						
CA	51	3,758,171	8	180,374				
CB			3	714,895				
CM			4	416,150				
CN			1	71,374				
CO			1	11,600				
CF			6	447,793				
DE	1	7,500						
ES	1	25,514						
GM					1	11,500		
HB			2	82,157				
HD	1	20,000	1	22,826				
HL	6	975,566						
HO			1	39,900				
HR			4	507,160				
HV			1	624,922				
IM	62	4,856,476	9	200,174	25	3,000,614	1	11,500

*INCLUDES DIRECT COST ONLY FOR NIH RESEARCH GRANTS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
ALABAMA			
BIRMINGHAM			
UNIVERSITY OF ALABAMA IN BIRMINGHAM			
CA18609-01	ACTON, RONALD	BIOLOGICAL ROLE OF ALLOANTIGENS	64,376
INSTITUTION TOTAL	1		64,376
CITY TOTAL	1		64,376
STATE TOTAL	1		64,376
CALIFORNIA			
BEVERLY HILLS			
INSTITUTE FOR CANCER AND BLOOD RESEARCH			
CA18281-01	CRECH, RICHARD H	ONCOLOGY STUDIES-EASTERN COOPERATIVE ONCOLOGY GROUP	27,000
INSTITUTION TOTAL	1		27,000
CITY TOTAL	1		27,000
LOS ANGELES			
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT LOS ANGELES			
CA18501-01	DE KERNION, JEAN B	CHEMOTHERAPY OF METASTATIC BLADDER CANCER	67,786
INSTITUTION TOTAL	1		67,786
UNIVERSITY OF SOUTHERN CALIFORNIA			
CA17666-01	SINGER, FREDERICK R	PATHOGENESIS OF PSEUDOHYPERTHYROIDISM	39,085
INSTITUTION TOTAL	1		39,085
CITY TOTAL	2		106,871
SACRAMENTO			
CALIFORNIA STATE HEALTH AND WELFARE AGENCY			
CA18401-01	PAFFENBARGER, RALPH S, JR	EPIDEMIOLOGIC STUDY OF ENDOMETRIAL CANCER	83,535
INSTITUTION TOTAL	1		83,535
CITY TOTAL	1		83,535
SANTA CRUZ			
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT SANTA CRUZ			
CA18464-01	DANIEL, CHARLES W	STUDIES ON HORMONE-DEPENDENT MOUSE MAMMARY TUMORS	36,599
INSTITUTION TOTAL	1		36,599
CITY TOTAL	1		36,599

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH GRANTS *

DOLLARS
AWARDED

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
STATE TOTAL	5	254,005	
COLORADO BOULDER UNIVERSITY OF COLORADO CA18212-01	DANNA, KATHLEEN J	TUMOR VIRUS DNA, A MOLECULAR VEHICLE FOR ENZYME GENES	78,915
INSTITUTION TOTAL	1	78,915	
CITY TOTAL	1	78,915	
STATE TOTAL	1	78,915	
CONNECTICUT NEW HAVEN YALE UNIVERSITY CA18214-01	HODGE, LON D	METABOLISM OF ADENOVIRUS RNA	52,805
INSTITUTION TOTAL	1	52,805	
CITY TOTAL	1	52,805	
STATE TOTAL	1	52,805	
FLORIDA MIAMI UNIVERSITY OF MIAMI CA18634-01 AI13380-01	LESSNER, HOWARD E VENTURA, ARNOLDO K	CANCER EPIDEMIOLOGY AND THE CLINICIAN DENGUE INFECTION AND COMMUNITY HEALTH	78,363 50,000
INSTITUTION TOTAL	2	128,363	
CITY TOTAL	2	128,363	
STATE TOTAL	2	128,363	
ILLINOIS CHICAGO UNIVERSITY OF HEALTH SCIENCES HD10070-01	FREEZE, UWE	ESTROGEN AND PROGESTERONE RECEPTORS IN MOUSE OVIDUCT	20,000
INSTITUTION TOTAL	1	20,000	
CITY TOTAL	1	20,000	

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NIH
RESEARCH GRANTS *

DOLLARS
AWARDED

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
ILLINOIS URBANA UNIVERSITY OF ILLINOIS SYSTEM--UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN CA18119-01	KATZENELLENBOGEN, BENITA S	ANTIESTROGENS: REPRODUCTIVE TISSUE AND TUMOR GROWTH	50,718
INSTITUTION TOTAL	1		50,718
CITY TOTAL	1		50,718
STATE TOTAL	2		70,718
INDIANA INDIANAPOLIS INDIANA UNIVERSITY SYSTEM--INDIANA UNIVERSITY AT INDIANAPOLIS CA18129-01	JACKSON, ROBERT C	EXPERIMENTAL CHEMOTHERAPY OF HEPATOMAS BY ANTIFOLATES	49,077
INSTITUTION TOTAL	1		49,077
CITY TOTAL	1		49,077
WEST LAFAYETTE PURDUE UNIVERSITY CA18587-01	HORNEMANN, ULFERT	BIOSYNTHESIS OF ANTIBIOTICS CONTAINING N-N BONDS	40,470
INSTITUTION TOTAL	1		40,470
CITY TOTAL	1		40,470
STATE TOTAL	2		89,547
MARYLAND BALTIMORE JOHNS HOPKINS UNIVERSITY CA18251-01 CA18580-01	BUEDING, ERNEST KOREEDA, MASATO	CARCINOGENICITY OF NITROHETEROCYCLES CHEMICAL STUDIES OF CARCINOGENIC POLYCYCLIC EPOXIDES	40,415 29,806
INSTITUTION TOTAL	2		70,221
CITY TOTAL	2		70,221
BETHESDA AMERICAN SOCIETY OF BIOLOGICAL CHEMISTS CA19005-01	GUNSALUS, IRWIN C	TENTH INTERNATIONAL BIOCHEMISTRY CONGRESS	34,500
INSTITUTION TOTAL	1		34,500
CITY TOTAL	1		34,500

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
STATE TOTAL 3		104,721	
MASSACHUSETTS			
BOSTON			
BOSTON UNIVERSITY			
HL18318-01	CHOBANIAN, ARAM V	PATHOGENESIS AND COMPLICATIONS OF HYPERTENSION	786,505
INSTITUTION TOTAL 1		786,505	
HARVARD UNIVERSITY			
CA18582-01	LIKHITE, VILAS V	CORYNEBACTERIUM PARVUM IN CANCER IMMUNOTHERAPY	70,000
CA18217-01	SYVANEN, MICHAEL	ONCOGENIC MECHANISMS: ENZYMOLOGY OF VIRAL INTEGRATION	54,608
INSTITUTION TOTAL 2		124,608	
SIDNEY FARBER CANCER CENTER			
CA18412-01	YANKEE, RONALD A	AUTOLOGOUS STEM CELL RECONSTITUTION IN CANCER THERAPY	83,283
INSTITUTION TOTAL 1		83,283	
TUFTS UNIVERSITY			
HL19174-01	FINE, JACOB	ROLE OF THE PLATELET IN ENDOTOXEMIA	40,000
INSTITUTION TOTAL 1		40,000	
CITY TOTAL 5		1,034,396	
STATE TOTAL 5		1,034,396	
MICHIGAN			
ANN ARBOR			
UNIVERSITY OF MICHIGAN			
AM19045-01	KELLEY, WILLIAM N	REGULATION OF PURINE METABOLISM IN HUMAN CELLS	19,725
INSTITUTION TOTAL 1		19,725	
CITY TOTAL 1		19,725	
DETROIT			
WAYNE STATE UNIVERSITY			
CA17154-01A1	BOECKMAN, ROBERT K, JR	SYNTHESIS OF ANTILEUKEMIC AND ANTITUMOR LACTONES	28,185
INSTITUTION TOTAL 1		28,185	
CITY TOTAL 1		28,185	
STATE TOTAL 2		47,910	

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MINNESOTA ROCHESTER MAYO FOUNDATION HL18610-01 CA18204-01	SUBBIAH, RAVI M TOMASI, THOMAS B, JR	EARLY INTERVENTION OF AGE-RELATED ARTERIAL CHANGES IMMUNOSUPPRESSION IN EXPERIMENTAL AND HUMAN TUMORS	28,955 111,825
INSTITUTION TOTAL	2	140,780	
CITY TOTAL	2	140,780	
STATE TOTAL	2	140,780	
MISSOURI UNIVERSITY CITY WASHINGTON UNIVERSITY CA18592-01	GURGO, SANDRA B	OPTIMIZATION OF MYELOMA-SPECIFIC IMMUNOTHERAPY	39,534
INSTITUTION TOTAL	1	39,534	
CITY TOTAL	1	39,534	
STATE TOTAL	1	39,534	
NEW HAMPSHIRE HANOVER DARTMOUTH COLLEGE CA18953-01	YAGER, JAMES D, JR	DNA REPAIR DURING INITIATION OF HEPATOCARCINOGENESIS	49,258
INSTITUTION TOTAL	1	49,258	
CITY TOTAL	1	49,258	
STATE TOTAL	1	49,258	
NEW YORK ALBANY NEW YORK STATE DEPARTMENT OF HEALTH CA17538-01	GURTOO, H L	LUNG CANCER, MICROSONAL OXYGENASES AND THEIR GENETICS	41,661
INSTITUTION TOTAL	1	41,661	
CITY TOTAL	1	41,661	
BUFFALO NEW YORK STATE DEPARTMENT OF HEALTH--ROSWELL PARK MEMORIAL INSTITUTE CA18499-01	CHENG, YUNG-CHI	CANCER CHEMOTHERAPY AND DEOXYNUCLEOTIDE METABOLISM	45,563

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NEW YORK BUFFALO NEW YORK STATE DEPARTMENT OF HEALTH--ROSWELL PARK MEMORIAL INSTITUTE ES01290-01 HUANG, CHESTER C CA18542-01 PAIGEN, BEVERLY J CA18527-01 PARAHADJOPULOS, P DEMETRIOS		A MODIFIED HOST-MEDIATED ASSAY USING HUMAN CELLS GENETICS OF AHH IN RELATION TO CANCER ETIOLOGY LIPID VESICLES AS DRUG CARRIERS IN VITRO AND IN VIVO	25,514 59,874 46,300
INSTITUTION TOTAL CITY TOTAL	4 4	177,251 177,251	
ITHACA CORNELL UNIVERSITY CA18333-01	SEMELHACK, MARTIN F	SYNTHESIS OF NATURAL ANTICANCER AGENTS AND ANALOGS	39,070
INSTITUTION TOTAL CITY TOTAL	1 1	39,070 39,070	
NEW YORK CITY UNIVERSITY OF NEW YORK--QUEENS COLLEGE CA18458-01 BOYLAN, ELIZABETH S		PETAL EXPOSURE TO HORMONES AND MAMMARY CARCINOGENESIS	36,443
INSTITUTION TOTAL	1	36,443	
COLUMBIA UNIVERSITY CA19289-01 CHARGAFF, ERWIN CA18271-01 ZARE, RICHARD N		CELLULAR CONTROL MECHANISMS LASER FLUORESCENCE DETECTION OF AFLATOXINS	63,375 45,000
INSTITUTION TOTAL	2	108,375	
SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH CA18488-01A1 DAY, NOORBIBI K CA18601-01 FOX, JACK J CA18351-01 HAWRYLKO, EUGENIA A CA18153-01 LAUGHLIN, JOHN S		COMPLEMENT AND IMMUNE COMPLEXES IN CANCER SYNTHETIC MASKED NUCLEOSIDES FOR ANTICANCER STUDIES BCG POTENTIATED ANTITUMOR RESPONSE: ESCAPE MECHANISMS CANCER STUDIES WITH NEW RADIOACTIVE SCANNING COMPOUNDS	84,149 119,953 64,924 103,445
INSTITUTION TOTAL	4	372,471	
STATE UNIVERSITY OF NEW YORK--DOWNSTATE MEDICAL CENTER CA18073-01 FELDMAN, JOSEPH G		RISK FACTORS IN HEAD AND NECK CANCER	17,000
INSTITUTION TOTAL	1	17,000	
YESHIVA UNIVERSITY HL17975-01A1 SEIFTER, SAM		BIOSYNTHESIS OF LYSINONORLEUCINE IN ELASTIN OF AORTAE	28,000
INSTITUTION TOTAL	1	28,000	

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CITY TOTAL	9	562,289	
NEW YORK			
STONY BROOK			
STATE UNIVERSITY OF NEW YORK AT STONY BROOK			
CA18170-01	FOWLER, FRANK W	SYNTHESIS OF ANTINEOPLASTIC ALKALOIDS	19,960
INSTITUTION TOTAL	1	19,960	
CITY TOTAL	1	19,960	
STATE TOTAL	16	840,231	
OREGON			
BEAVERTON			
OREGON GRADUATE CENTER FOR STUDY AND RESEARCH			
CA18141-01	HAUSER, FRANK M	POLYNUCLEAR ANTITUMOR ANTIBIOTICS: A NEW SYNTHESIS	26,914
INSTITUTION TOTAL	1	26,914	
CITY TOTAL	1	26,914	
STATE TOTAL	1	26,914	
PENNSYLVANIA			
HERSHEY			
PENNSYLVANIA STATE UNIVERSITY MILTON S. HERSHEY MEDICAL CENTER			
CA18138-01	PEGG, ANTHONY E	MAMMALIAN POLYAMINE METABOLISM	44,605
CA18137-01	PEGG, ANTHONY E	PERSISTENCE OF ALKYLATED DNA IN CARCINOGENESIS	46,708
INSTITUTION TOTAL	2	91,313	
CITY TOTAL	2	91,313	
PHILADELPHIA			
UNIVERSITY OF PENNSYLVANIA			
CA18424-01	BAHN, ANITA K	EXPLORATORY STUDIES IN CANCER RESEARCH	34,921
CA18575-01	STEIN, THOMAS P	SURGERY AND ADJUVANT CANCER THERAPY	53,605
INSTITUTION TOTAL	2	88,526	
WISCONSIN			
WISCONSIN INSTITUTE OF ANATOMY AND BIOLOGY			
CA18470-01	KNOWLES, BARBARA B	ANTIGENICITY AND TUMORIGENICITY OF SOMATIC CELL HYBRIDS	50,865
INSTITUTION TOTAL	1	50,865	
CITY TOTAL	3	139,391	

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NIH
RESEARCH GRANTS *

DOLLARS
AWARDED

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
STATE TOTAL	5	230,704	
TENNESSEE			
NASHVILLE			
VANDERBILT UNIVERSITY			
HL18516-01	FREDERIKSEN, DIXIE W	ATHEROSCLEROSIS AND THE ARTERIAL CONTRACTILE PROTEINS	42,106
INSTITUTION TOTAL	1	42,106	
CITY TOTAL	1	42,106	
STATE TOTAL	1	42,106	
TEXAS			
AUSTIN			
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS AT AUSTIN			
HL19173-01	EBERHART, ROBERT C	ANALYSIS OF BLOOD TRAUMA FROM MICROPOROUS OXYGENATIONS	50,000
INSTITUTION TOTAL	1	50,000	
CITY TOTAL	1	50,000	
DENTON			
NORTH TEXAS STATE UNIVERSITY			
CA18610-01	SKINNER, CHARLES G	OXAPTERIDINE ANALOGS OF FOLIC ACID	21,850
INSTITUTION TOTAL	1	21,850	
CITY TOTAL	1	21,850	
HOUSTON			
BAYLOR COLLEGE OF MEDICINE			
CA18285-01	WARNER, MARLENE	PERINATAL HORMONE-CARCINOGEN INTERACTIONS	52,840
INSTITUTION TOTAL	1	52,840	
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON			
DE04458-01	NELMS, D CADE	T-CELL FUNCTION IN RECURRENT APHTHOUS STOMATITIS	7,500
INSTITUTION TOTAL	1	7,500	
CITY TOTAL	2	60,340	
STATE TOTAL	4	132,190	

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NIH
RESEARCH GRANTS *

DOLLARS
AWARDED

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
WASHINGTON SEATTLE FRED HUTCHINSON CANCER RESEARCH CENTER CA18282-01 LINIAL, MAXINE L CA18074-01 NOWINSKI, ROBERT C CA18029-01 THOMAS, E DONNALL CA18105-01 WEIDEN, PAUL L		VIRAL CODED FUNCTIONS IN ROUS SARCOMA IMMUNOLOGICAL ASPECTS OF MOUSE LEUKEMIAS ADULT LEUKEMIA RESEARCH CENTER IMMUNOTHERAPY STUDIES OF SPONTANEOUS MALIGNANCY	54,757 96,520 1,136,600 66,079
INSTITUTION TOTAL	4		1,353,956
UNIVERSITY OF WASHINGTON CA18385-01	SPENCE, ALEXANDER M	IMMUNITY AGAINST NITROSOUREA-INDUCED RAT BRAIN TUMORS	37,047
INSTITUTION TOTAL	1		37,047
CITY TOTAL	5		1,391,003
STATE TOTAL	5		1,391,003
SWITZERLAND GENEVA WORLD HEALTH ORGANIZATION CA18723-01	TORRIGIANI, GIORGIO	ALPHA CHAIN DISEASE AND GASTROINTESTINAL LYMPHOMA	25,000
INSTITUTION TOTAL	1		25,000
CITY TOTAL	1		25,000
STATE TOTAL	1		25,000
UNITED KINGDOM LONDON UNIVERSITY OF LONDON CA18286-01	WILLS, E D	EFFECTS OF RADIATION AND HYPERTHERMIA ON TUMOR LYSOSOME	13,000
INSTITUTION TOTAL	1		13,000
CITY TOTAL	1		13,000
STATE TOTAL	1		13,000
TOTAL	62		4,856,476

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NIH
RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
CALIFORNIA EMERYVILLE G. D. SEARLE & COMPANY--SEARLE CARDIO-PULMONARY SYSTEMS HR62904-00	ROBINSON, T E	MEASURE PULMONARY FUNCTION IN INFANTS AND CHILDREN	92,670
INSTITUTION TOTAL	1	92,670	
CITY TOTAL	1	92,670	
SAN FRANCISCO UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT SAN FRANCISCO HR62903-00	TOOLEY, WILLIAM H	MEASURE PULMONARY FUNCTION IN INFANTS AND CHILDREN	122,970
INSTITUTION TOTAL	1	122,970	
CITY TOTAL	1	122,970	
SAN JOSE SANTA CLARA VALLEY MEDICAL CENTER CN65293-00	KRAUT, JOSEPH W	CLINICAL ONCOLOGY PROGRAM	71,374
INSTITUTION TOTAL	1	71,374	
CITY TOTAL	1	71,374	
STATE TOTAL	3	287,014	
DIST OF COL WASHINGTON AMERICAN INSTITUTES FOR RESEARCH HD62813-00	MILLER, WARREN B	CHILDBEARING PATTERNS AND THE WELFARE OF MARRIED COUPLES	22,826
INSTITUTION TOTAL	1	22,826	
NATIONAL ACADEMY OF SCIENCES CO65280-00	GARDNER, PHYLLIS	SUPPORT COMMITTEE ON COUNCIL OF SOCIETIES OF PATHOLOGY	11,600
INSTITUTION TOTAL	1	11,600	
U.S. SMALL BUSINESS ADMINISTRATION HC62909-00	TO BE APPOINTED	ASSEMBLY AND DISSEMINATION OF MATERIALS FOR GRANT REVIEW	39,900
INSTITUTION TOTAL	1	39,900	
CITY TOTAL	3	74,326	
STATE TOTAL	3	74,326	

NIH
RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
KENTUCKY			
LEXINGTON			
UNIVERSITY OF KENTUCKY			
CM67058-00	BLACKER, H MARTIN	THERAPY OF PATIENTS WITH BRAIN TUMORS	69,920
INSTITUTION TOTAL	1		69,920
CITY TOTAL	1		69,920
STATE TOTAL	1		69,920
LOUISIANA			
NEW ORLEANS			
LOUISIANA STATE UNIVERSITY SYSTEM--LOUISIANA STATE UNIVERSITY MEDICAL CENTER AT NEW ORLEANS			
HB62907-00	VILLAREJOR, VICTOR M	SAFETY OF BLOOD THERAPY RESEARCH STUDIES	43,157
INSTITUTION TOTAL	1		43,157
CITY TOTAL	1		43,157
STATE TOTAL	1		43,157
MARYLAND			
BETHESDA			
MICROBIOLOGICAL ASSOCIATES			
CM63810-00	TRAPANI, ROBERT J	HEMATOLOGY SUPPORT CARE	100,000
INSTITUTION TOTAL	1		100,000
CITY TOTAL	1		100,000
KENSINGTON			
LITTON INDUSTRIES--LITTON BIONETICS			
CB4016-00	MAURER, BRUCE	RHESUS MONKEY HISTOCOMPATIBILITY STUDIES	215,887
CB63975-00	MC COY, JAMES L	MEASUREMENT OF IMMUNOLOGICAL REACTIVITY TO HUMAN CANCER	424,418
INSTITUTION TOTAL	2		640,305
CITY TOTAL	2		640,305
ROCKVILLE			
COR BEL LABORATORIES			
CB64024-00	RICKMAN, WILLIAM M	MAINTAIN AN ANIMAL HOLDING FACILITY	74,590
INSTITUTION TOTAL	1		74,590
CITY TOTAL	1		74,590

NIH
RESEARCH CONTRACTS

DOLLARS
AWARDED

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	
MARYLAND SILVER SPRING APPLIED MANAGEMENT SCIENCES LM64702-00	TO BE APPOINTED	ABSTRACTING AUDIOVISUAL MATERIAL FOR AVLINE	61,837
INSTITUTION TOTAL	1		61,837
CITY TOTAL	1		61,837
STATE TOTAL	5		876,732
MASSACHUSETTS BEDFORD E G & G, INC. CM67011-00	LISIECKI, EDWIN	CLINICAL DATA RETRIEVAL SERVICES	189,956
INSTITUTION TOTAL	1		189,956
CITY TOTAL	1		189,956
CAMBRIDGE CAMBRIDGE COLLABORATIVE HR62901-00	FREDBERG, J	MEASURE PULMONARY FUNCTION IN INFANTS AND CHILDREN	118,130
INSTITUTION TOTAL	1		118,130
CITY TOTAL	1		118,130
WILMINGTON CHARLES RIVER BREEDING LABORATORIES CP55651-00	PUCAK, GEORGE J	GNOTOBIOTE ORIGINATED RODENT PRODUCTION COLONY	133,177
INSTITUTION TOTAL	1		133,177
CITY TOTAL	1		133,177
STATE TOTAL	3		441,263
NEW YORK MOUNT KISCO THERMAL INSULATION MANUFACTURERS ASSOCIATION CP65736-00	KOTIN, PAUL	DEVELOP DRAFT PROTOCOLS TO TEST MAN-MADE MINERAL FIBERS	25,000
INSTITUTION TOTAL	1		25,000
CITY TOTAL	1		25,000

61,837

189,956

118,130

133,177

25,000

NIH
RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
NEW YORK NEW YORK COMMUNITY BLOOD COUNCIL OF GREATER NEW YORK HB62908-00	SZMUNESS, W	MATERNAL TO INFANT TRANSMISSION OF HEPATITIS B	39,000
INSTITUTION TOTAL	1		39,000
CITY TOTAL	1		39,000
STATE TOTAL	2		64,000
OHIO CLEVELAND UNIVERSITY HOSPITALS OF CLEVELAND CP61007-00	GROSS, SAMUEL	SUPPLY PEDIATRIC SPECIMENS FROM NEOPLASTIC DISEASES	30,000
INSTITUTION TOTAL	1		30,000
CITY TOTAL	1		30,000
STATE TOTAL	1		30,000
PENNSYLVANIA PHILADELPHIA FRANKLIN INSTITUTE OF THE STATE OF PENNSYLVANIA CP65742-00 CP65743-00	CRAIG, PAUL N CRAIG, PAUL N	INFORMATION SERVICES FOR THE CARCINOGENESIS PROGRAM AWARENESS SERVICES FOR NITROSAMINE PROGRAM OF DCCP	34,338 37,078
INSTITUTION TOTAL	2		71,416
HAHNEMANN MEDICAL COLLEGE AND HOSPITAL OF PHILADELPHIA HV62905-00	ANGELAKOS, EVANGELOS T	NONHUMAN PRIMATE MODELS OF ARTERIOSCLEROSIS	624,922
INSTITUTION TOTAL	1		624,922
CITY TOTAL	3		696,338
PITTSBURGH MONTEFIORE HOSPITAL CM67061-00	SELKER, ROBERT G	THERAPY OF PATIENTS WITH BRAIN TUMORS	56,274
INSTITUTION TOTAL	1		56,274
CITY TOTAL	1		56,274
STATE TOTAL	4		752,612

NIH
RESEARCH CONTRACTS

DOLLARS
AWARDED

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	
WASHINGTON			
SEATTLE			
FRED HUTCHINSON CANCER RESEARCH CENTER			
CP61009-00	NOWINSKI, ROBERT C	AN IMMUNOGENETIC ANALYSIS OF MOUSE LEUKEMIA VIRUSES	188,200

188,200

INSTITUTION TOTAL	1	188,200
CITY TOTAL	1	188,200
STATE TOTAL	1	188,200

WISCONSIN
MILWAUKEE
MEDICAL COLLEGE OF WISCONSIN
HR62902-00

MEASURE PULMONARY FUNCTION IN INFANTS AND CHILDREN

173,390

INSTITUTION TOTAL	1	173,390
CITY TOTAL	1	173,390
STATE TOTAL	1	173,390
TOTAL	25	3,000,614

NIH
RESEARCH FELLOWSHIP AWARDS

PROGRAM

P32

FIELD OF INTEREST

BIOCHEMICAL AND MOLECULAR GENETICS

APPLICATION NUMBER FELLOW

UNITED KINGDOM
EDINBURGH
UNIVERSITY OF EDINBURGH
GM05393-01 GUMMERSON, KENNETH S

INSTITUTION TOTAL 1
CITY TOTAL 1
STATE TOTAL 1
TOTAL 1

NIH
RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH	PROGRAM
CALIFORNIA IRVINE UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT IRVINE CA00171-01	CUNNINGHAM, DENNIS D	INITIATION OF FIBROBLAST DIVISION BY GLUCOCORTICOIDS	K04
INSTITUTION TOTAL	1		
CITY TOTAL	1		
SANTA CRUZ UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT SANTA CRUZ CA00163-01	MC MURRY, JOHN E	TOTAL SYNTHESIS OF CARDIAC AGLYCONES	K04
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	2		
FLORIDA TALLAHASSEE STATE UNIVERSITY OF FLORIDA SYSTEM--FLORIDA STATE UNIVERSITY CA00178-01	MARZUFF, WILLIAM F, JR	SPECIFIC GENE EXPRESSION IN ANIMAL CELLS IN VITRO	K04
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	1		
MARYLAND BALTIMORE JOHNS HOPKINS UNIVERSITY CA00168-01	GAPFNEY, BETTY	PHYSICAL PROPERTIES OF MEMBRANE PROTEINS	K04
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	1		
NEW YORK NEW YORK COLUMBIA UNIVERSITY CA00174-01	HOCHBERG, RICHARD B	MECHANISMS IN STEROID HORMONE BIOSYNTHESIS	K04
INSTITUTION TOTAL	1		

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RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH	PROGRAM
NEW YORK			
NEW YORK			
YESHIVA UNIVERSITY			
AG00002-01	GASKIN, FELICIA A	NEUROTUBULE, NEUROFILAMENT, & TWISTED TUBULE ASSEMBLY	K04
CA00159-01	SHIN, SEUNG-IL	SOMATIC MUTATIONS; GENETICS OF CELL TRANSFORMATION	K04
INSTITUTION TOTAL	2		
CITY TOTAL	3		
STATE TOTAL	3		
TEXAS			
HOUSTON			
BAYLOR COLLEGE OF MEDICINE			
CA00154-01	ROSEN, JEFFREY M	HORMONAL REGULATION OF BREAST CANCER	K04
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	1		
WASHINGTON			
SEATTLE			
UNIVERSITY OF WASHINGTON			
CA00164-01	CLARK, ROBERT AMOS	ANTI-TUMOR ACTIVITY OF PHAGOCYtic CELLS	K04
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	1		
TOTAL	9		

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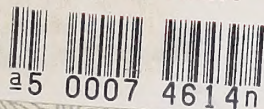


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